

Monthly report on livestock disease trends as informally reported by veterinarians belonging to the Ruminant Veterinary Association of South Africa (RuVASA), a group of the South African Veterinary Association

April 2015

Previous disease reports can be seen on the RuVASA website www.ruvasa.co.za

Click on Disease Reports

The following practices and laboratories (100) submitted reports in April 2015:

Mpumalanga (10)

Balfour – Dr. Louis van Jaarsveld
Bethal – Dr. Hardus Pieters
Ermelo – Drs. Potgieter and Steinberg
Grootvlei – Dr. Neels van Wyk
Lydenburg – Drs. Trümpelmann and Steyn
Nelspruit – Dr. André Beytell
Middelburg – Drs. Fourie and Erasmus
Standerton – Dr. Kobie Kroon
Piet Retief - drs. Niebuhr and Weber
Volksrust – Dr. André Visser

Gauteng (5)

Bronkhorstspuit – Drs. De Bruin, De Bruin, Rudolph and Slabber
Magaliesburg – Dr. Ryan Jeffery
Nigel – Dr. Cindy van der Westhuizen
Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Prozesky, Shakespear, Holm, Drs. Blignaut, Carrington, Gratwick, Grobler, Harmse, Pfitzer and O'Dell
Pretoria – Dr. Hanneke Pienaar

Limpopo (4)

Lephalale (Ellisras) – Dr. Brigitte Luck
Mokopane (Potgietersrus) - Dr. Henk Visser
Polokwane (Pietersburg) – Drs. Watson, Viljoen, Jansen Van Vuuren, Van Rooyen, Snyman and Cremona
Vaalwater - Dr. Hampie van Staden

North West (8)

Bloemhof – Dr. Cizelle Naudé

Brits – Drs. Boshoff and Coertze

Christiana - Dr. Pieter Nel

Rustenburg – Drs. Gaigher, Grobler, Sparks, Van Egdom, Van Rooyen, Goosen and Van Rensburg

Schweizer- Reneke – Dr. N.J. Heyns

Stella - Dr. Magdaleen Vossler

Swartruggens – Dr. Roselle Hartwigsen

Ventersdorp – Drs. Marais and Benadé

Free State (21)

Bethlehem – Drs. Basson, Strydom and Strydom

Bloemfontein – Dr. Stephan Wessels

Bothaville – Dr. Johan Blaauw

Clocolan – Drs. Marwick and Wasserman

Dewetsdorp – Dr. Marike Badenhorst

Ficksburg – Drs. Kotze and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Harrismith - Drs. Thirion, Pretorius and Nel

Hertzogville – Dr. Nico Hendrikz

Hoopstad - Dr. Kobus Pretorius

Kroonstad – Drs. Daffue, Eksteen, Van Zyl and Van der Walt

Ladybrand/Excelsior - Drs. De Vos and Nel

Memel – Drs. Nixon and Nixon

Parys – Drs. Wessels and Wessels

Reitz - Dr. Murray Smith

Sasolburg – Dr. Letitia Swartz

Viljoenskroon - Dr. Johan Kahts

Villiers - Drs. Hattingh and Hauptfleish

Wesselsbron –Dr. Johan Jacobs

Winburg – Drs. Albertyn and Albertyn

Zastron – Dr. Phillip Brand

KwaZulu-Natal (18)

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee - Dr. Tony Grace

Dundee – Drs. Marais and Fynn

Greytown – Dr. Mike Caldicott

Howick – Drs. Hughes, Lund, Gordon, Allison and Taylor

Ingogo – Dr. Trish Oglesby

Kokstad- Drs. Clowes and Shrives

Moorriver - Drs. Fowler, Hartley, Waterman and Mallet

Mtubatuba – Dr. Trever Viljoen
Newcastle – Dr. Barry Rafferty
Pietermaritzburg – Dr. Phillip Kretzmann
Pietermaritzburg – Dr. Rick Mapham
Pongola – Dr. Heinz Kohrs
Underberg - Drs. Collins, King and Delaney
Underberg – Dr. Pete Dommett
Vryheid – Drs. Theron and Theron

Eastern Cape (10)

Alexandria - Drs. Olivier and Dreyer
Aliwal North – Drs. Troskie and Strauss
Graaff- Reinet - Dr. Roland Larson
Graaff-Reinet – Drs. Hobson and Strydom
Humansdorp - Drs. Van Niekerk, Jansen Van Vuuren, Barker and Kotze
Jeffreys Bay - Drs. Lategan, Hoek and McFarlane
Kareedouw – Dr. Martin Bootsma
Port Alfred – dr. Roy Bengis
Stutterheim – Dr. Dave Waterman
Uitenhage – Drs. Mulder and Krüger

Western Cape (13)

Beaufort West - Drs. Pienaar and Grobler
Caledon – Drs. Retief and Rissik
Darling – Drs. V.d. Merwe, Adam and Senekal
George - Drs. Strydom, Truter, and Pettifer
Heidelberg – Dr. Albert van Zyl
Malmesbury – Dr. Otto Kriek
Malmesbury – Dr. Markus Fourie
Oudtshoorn – Dr. Glen Carlisle
Plettenberg Bay – Dr. André Reitz
Stellenbosch – Dr. Alfred Kidd
Swellendam – Drs. Malan en Venter
Vredenburg - Dr. Izak Rust
Wellington – Dr. William van Zyl

Northern Cape (4)

De Aar – Dr. Donald Anderson
Kathu – Dr. Jan Vorster
Jan Kempdorp – Dr. Jan Brand
Kimberley – Drs. Van Heerden and Swart

Feedlots (2)

Drs. Morris and Du Preez
Dr. Andy Hentzen

Laboratory reports (5)

Dr. Annelize Jonker –Provincial Vet Lab, Stellenbosch

Dr. Marijke Henton - Idexx SA Johannesburg

Dr. Liza du Plessis – Idexx SA Onderstepoort

Dr. Lucy Lange – Pathcare, Cape Town

Drs. Last, Bosch and Williams – Vetdiagnostix, Pietermaritzburg

Summary of disease report for April 2015

100 Reports from veterinary practices and laboratories were received (Mpumalanga 10; Gauteng 5; Limpopo 4; North West 8; Free State 21; KwaZulu-Natal 18; Eastern Cape 10; Western Cape 14; Northern Cape 4; Feedlots 2 and Laboratories 5).

Take home message:

Winter months lie ahead and additional nutritional supplementation should be given to animals in time. The immune status of animals is influenced by health and optimal nutritional status. Vaccination programmes should be updated with the help of your veterinarian. Many diseases reported in this report could have been prevented if animals were vaccinated prophylactically.

Numerous diseases were brought in with animals without keeping them in quarantine and testing them for diseases. Examples are African and Asiatic red water, brucellosis, trichomonosis, orf and abscesses.

Internal parasites

Roundworms

The number of practices in each province reporting problems with intestinal roundworms are as follows: Mpumalanga (Mp) 2, Gauteng (G) 1, Limpopo (L) 2, Free State (14), KwaZulu-Natal (KZN) (8), Eastern Cape (EC) 4 and Western Cape (WC) 3. Wireworm infestation was the biggest problem.

Farmers should continuously assess the efficacy of the anthelmintic group that is used and record it.

Resistance to anthelmintics was reported from Mp 2, G 1, FS 4, KZN 2, and EC 1. Farmers should always keep the concept of **refugia** in mind when treating their animals.

<http://landbou.com/kundiges/vra-vir-faffa/dosering-refugia-en-verwisseling-van-kampe/>

Brown stomach-worm infestation was reported from the KZN 2 and the WC 1.

Eye worm (*Thelazia rhodesii*) infestation was reported from Hoopstad and Wesselsbron.

Tapeworms

Reports of tapeworm infestations in lambs and calves were received from NW 1, FS 8, EC 3 and WC 1.

Parafilaria

Cattle with **bleeding spots** were reported from L 1, KZN 1, and WC 1. At slaughter these lesions will be removed and farmers will lose revenue. Animals should be treated 70 days before slaughter to allow the lesions to heal. Discuss treatment with your veterinarian.

Flukes

Study reports from abattoirs to see whether animals slaughtered were infested with **liver fluke** and discuss control measures with your veterinarian. Reports of liver fluke infestations were received from Mp 2, G 1, FS 4, KZN 5, WC 1.

Immature conical flukes cause severe **diarrhoea**. Reports of conical fluke were received from: Mp 3, FS 5 and KZN 4. Be on the lookout for animals with profuse **diarrhoea** after being moved to camps where there are wet vleis or dams where the infected water snails are present.

As water bodies dry up the snails (intermediate hosts of flukes), are concentrated in dams and vleis and cold spells stimulate infected snails to shed the infected stages (cercariae) which encyst on water plants.

Cysticercosis (measles)

Measles are constant findings in slaughter stock and farmers should strive to prevent infection of animals.

Great losses occur when carcasses are condemned or degraded at abattoirs.

Source the origin of the infestation and install preventative measures. Measures should include treatment of workers and wearing gumboots and overalls when working with feed. Train workers regarding the life cycle of *Taenia saginata*, and *T. solium* the human tapeworms.

Reports were received from: Mp 2, G 1, NW 1, FS 1 and KZN 2.

Coccidiosis

Infections were reported from: Mp 3, NW 1, FS 7, KZN 2, EC 3 and WC 2.

Young animals are especially affected by **coccidiosis** and the clinical sign is **diarrhoea**. Wet and muddy conditions are an ideal place for young animals to become infected with this parasite. Discuss preventative measures with your veterinarian.

External parasites

Ticks

Blue tick infestations were received from: Mp 6, G 2, L 2, NW 2, FS 9, KZN 12, EC 4 and WC. These ticks cause anaemia and transmit African and Asiatic red water, anaplasmosis and lumpy skin disease. KZN 3 reported resistance of these ticks to acaricides. Assess the efficacy of control programmes with your veterinarian as tick resistance to certain drug groups may be present on the farm.

Bont or heartwater tick: the presence of this tick was reported from Mp 1, G 1, L 2, NW 1, KZN 6 and the EC. With the increase in game farming, hosts such as warthogs and kudu are carriers of this tick specie to new areas. Movement of cattle and climate change in many parts of South Africa may be the reason why this tick is seen in areas where it was not seen before.

Bont legged-tick: the presence of this tick was reported from Mp 3, G 1, L 2, NW 1, FS 5, KZN 3, EC 1 and NC 1. The toxin of this tick causes sweating sickness and some ticks may transit the Congo fever virus to humans. When these ticks attach between the hooves of animals they may cause lameness.

Brown ear-ticks: These ticks were reported from Mp 4, G 2, L 2, FS 1, KZN 10 and WC 1. If ears are not treated regularly maggots infest wounds and animals may lose ears and even die of tick toxicosis. These ticks can also transmit *Theileria*, the cause of **Corridor disease**.

Red legged-ticks: reports were received from Mp 3, NW 1, FS 4, KZN 3 and WC 1.

Paralysis ticks: reports were received from FS 1 and the WC 1. Fifty sheep died on one farm.

Discuss the life cycles of these ticks and how to control them with your veterinarian, keeping in mind the selection for tick resistance. Engorged blue ticks can be collected and tested for resistance. Contact your veterinarian for information regarding the test. Do not use a homemade pour-on as this is a sure way of selecting for tick resistance and having residues in the meat.

Actives that are used to control ticks are: organophosphates, amidines, pyrethroids, tick development inhibitors (fluazuron) and for blue ticks the macrocyclic lactones.

Lice

Lice (sucking and biting): only a few reports were received (FS 2, KZN 1, EC 1) as lice are mainly a winter problem. Farmers with wool sheep should check their sheep regularly for lice as they cause serious disturbance of the fleece. There is serious **red lice resistance** to drugs and therefore farmers should be aware of not buying in sheep with lice.

Mites

Be on the lookout for **disturbances** in wool and this should be reported to the State Veterinarian as stated in the law. **Sheep scab** is a State controlled disease. Contact your State Veterinarian to hear whether there are positive farms in your area. Biosecurity measures to prevent sheep becoming infected should be in place at all times. One report was received from KZN.

Flies, midges and mosquitoes

The following reports were received:

Nuisance flies: NW 2, FS 6, KZN 2, EC 1 and WC 2

Blowflies: L 1, FS 4, KZN 1 and WC 1

Screw-worm: MP 1, L 1, KZN 1 and EC 1

Nasal bot: G 1, FS 4

Midges: Mp 2, NW 1, FS 3, KZN 3, EC 1, and WC 1

Mosquitoes: NW 1 and KZN 1

Tick borne diseases

African red water

Reports of this disease were received from: Mp 3, L 1, FS 6, KZN 12, EC 1 and WC 7.

Asiatic red water

This killer disease is spreading and reports were received from: Mp 3, G 1, FS 4, KZN 10, EC 4 and WC 3.

These diseases could be prevented by vaccinating animals. Discuss vaccination programmes with your veterinarian. **Asiatic red water is a killer disease and proper steps should be taken to control this disease! Be especially on the alert when introducing naive animals into red water areas.**

Anaplasmosis

Reports of outbreaks and mortalities were received from: MP 1, G 1, NW 2, FS 17, KZN 9, EC 4, WC 2 and NC 1. This disease is spread by **blue ticks, biting flies and needles** (vaccinations). Stress and diseases interfering with the immune system (eg. BVD) trigger anaplasmosis outbreaks. Discuss vaccinating cattle prophylactically with your veterinarian.

Heartwater

This disease causes serious problems in areas where the **bont tick** is prevalent. Reports were received from: MP 1, G 4, L 5, NW 2, KZN 8 and EC 4.

Corridor disease

This protozoal disease caused by the protozoal parasite, *Theileria parva*, is transmitted to cattle by the brown ear-tick when they came in contact with buffalo. The disease was reported from MP 1 and KZN 2.

Sweating sickness

This disease is caused by the toxin of the bontlegged tick. Reports received were from: FS 1 and KZN 1.

Insect transmitted diseases

Lumpy skin disease

This disease transmitted by biting insects and certain ticks, was reported from Mp 8, G 1, L 2, NW 1, FS 4 and KZN 6. As vaccines are available to control this disease one only wonders why vaccination programmes are not executed.

Three day stiff sickness

Vaccine is not available and serious economic losses were recorded. Outbreaks occurred in Mp 2, G 2, L 3, FS 4, KZN 5 and WC 1.

Blue tongue

Reports were received from MP 2, G 1, L 1, FS 12, KZN 4, EC 2 and WC 5. Due to the unavailability of vaccine, young unvaccinated sheep were especially hard hit.

Rift Valley Fever and Wesselsbron disease

No reports were received of these diseases.

Venereal diseases

Only a few bulls were tested for venereal diseases during this time of the year.

Trichomonosis, Vibriosis and Pizzle disease (peestersiekte)

Venereal diseases are causing havoc in our country. **Trichomonosis** was reported from Mp 3, L 1, NW 1, FS 7, ZN 3 and NC 1. Bulls positive for vibriosis were reported from NW 1, FS 1, KZN 1 and WC 1. It is of utmost importance that biosecurity measures are in place. Together with your veterinarian plan how to prevent and control these diseases. Pizzle disease was reported from the EC 1 and WC 2.

Bacterial diseases

The following bacterial diseases were reported:

Listeriosis – reports were received from: WC 2

Blackquarter - reports were received from: G 1, FS 10, KZN 3

Pulpy kidney – reports were received from: Mp 2, NW 1, FS 6, KZN 1, EC 1, WC 1

Lamb dysentery – report was received from KZN 1

Swelled head – reports were received from: Mp 1, G 1, L 1

Red gut in cattle - reports were received from: Mp 1, FS 2, KZN 2, EC 1, WC 1

Blood gut in sheep – reports were received from: MP 1, FS 1, WC 1

Tetanus – reports were received from: KZN 1, NC 1

Botulism – reports were received from FS 1, KZN 1, NC 1

Salmonellosis – reports were received from NW 2, FS 1, KZN 1, WC 2

Bovine brucellosis – reports were received from: MP 2, G 1, L 1, NW 2, FS 9, KZN 1, NC 1

As long as every single cattle farmer in this country does not make an effort to control and eradicate this disease, reports will be documented every month and it could be your herd!

Ovine brucellosis – reports were received from FS 1, WC 1, NC 1

Leptospirosis – reports were received from: KZN 1, EC 1

Pseudomonas aeruginosa – reports were received from KZN 1, EC 1

Septicaemia – reports were received from: MP 1, WC 1

Enzootic abortion – reports were received from: NW 1, FS 2

Colibacillosis – reports were received from: MP 1, L 1, NW 2, FS 9, KZN 6, EC 1, WC 1

Lumpy wool – reports were received from: FS 2, KZN 1

Uterine gangrene – reports were received from: Mp 1, FS 1

Fusibacterium necrophorum – report was received from: WC 1

For the prevention of the majority of the bacterial diseases there are vaccines available. Discuss the risk factors for the diseases in your area with your veterinarian and put together a control program.

Fungal disease

Ringworm – reports received from Mp 1, G 1, NW 2, FS 3, KZN 4, EC 3, WC 2

Viral diseases

Snotsiekte (BMC) – reports received from MP 2, L 2, NW 2, FS 4, KZN 1, EC 1, WC 1

Rabies – report received from KZN 1

BVD – reports received from FS 1, KZN 1

IBR (Infectious Bovine Rhinotracheitis) – Reports received from FS 1, KZN 3

EBL (Enzootic Bovine Leucosis) – reports received from KZN 1, EC 2, WC 1

Orf (vuilbek) – reports received from Mp, G 1, L 1, NW 2, FS 5, KZN 3, EC 3, WC 1

Infected sheep bought in.

Warts – reports received from Mp 2, L 1, NW 1, FS 2, KZN 6, WC 1

Poisonings reported

Cardiac glycoside (tulip), *Cestrum* (ink berry), facial eczema, *Lantana*, prussic acid, seneciosis, soya, snake bite, blue-green algae, 110 cattle died due to ionophor poisoning. Draw up a protocol with your veterinarian on how to treat these poisonings should it occur on your farm.

Nutritional

The following **deficiencies** were recorded:

energy - Mp 1, G 1, FS 3, KZN 3, WC 2)

protein – FS 2, KZN 4

phosphate – NW 1, FS 2, NC 1

calcium – Mp 3, G 1, FS 2, KZN 1, EC 1

copper – KZN 1

selenium – FS 1, KZN 3

manganese – WC 1

vitamins A – Mp 1, Nw 1, FS 2

Liver, blood and bone samples can be taken by your veterinarian to get a profile of the micro and macro mineral status of your animals. In addition analyze water and soil samples. The results will help you to establish whether there are **antagonists** present which will lower the uptake of minerals.

Multifactorial diseases and other conditions

The following were reported: **abscesses, bladder stones, blindness, ophthalmia** (serious problem in most provinces), **eye cancer, bloat, blue udder, mastitis, diarrhoea, joint ill, epididymitis, lameness, navel ill, trauma, downer cows** and **pneumonia**.

Reproductive diseases and other conditions

The following were reported: **abortions, stillbirths, dystocias, metritis, poor conception, retained afterbirths** and **prolapses**

Metabolic diseases

The following were reported: **acidosis, displaced abomasum, ketosis** and **milk fever**.

Other conditions

Deaths occurred due to **trauma, lightning** and **predators**.

Comment:

In the **CODE OF CONDUCT** of the RPO the following standard operating procedures are documented. The local veterinarian should be your partner to help you achieve the necessary standards. <http://www.rpo.co.za/BestPractices/English.aspx>

PRECAUTIONARY MEASURES TO SUPPORT BIO-SECURITY.

Precautionary measures are required to protect the herd against diseases acquired because of external contact. The following categories are of concern:

1. DIRECT LIVESTOCK PURCHASES (and own animals returning):

The following should be **verified** before importing new animals into the herd :

- How long animals have resided at the purchase or previous location
- Whether there have been any recent disease outbreaks in the location
- Do brand marks clearly confirm ownership

- Was a vaccination program followed (need paper or veterinarian proof). What are the local prevalent external parasites and the routinely implemented control program
- Is a veterinarian supported control program against transmittable diseases followed
- Dates and sufficient number of tests for reproductive diseases of both male and female
- Dates and tests for zoonotic diseases

The above should also be verified with the purchaser's own veterinarian.

2. PURCHASES FROM SALES OR SPECULATORS

- Purchase only in areas which are not in close proximity to scheduled areas
- Visually inspect the animals before purchasing for:

* brand marks

* parasite infestation

3. TRANSPORT TO THE FARM

- Use only reputable transporters
- Has the truck been cleaned and disinfected
- Truck to follow the shortest uninterrupted route
- Truck to take the shortest route to the handling facilities
- Do not allow the truck personnel to get in contact with the farm herd

4 ARRIVAL ON THE FARM

- Off-load the livestock to limit stress and to be visually evaluated for any unnatural conditions
- Isolate them from the farm herd and shared facilities for at least 21 days (quarantine)
- Re(test) for diseases of concern if needed, before mixing with the rest of the herd
- Process new arrivals within 24 hrs after arrival (unique ID tag brand, dip, dose, vaccinate)
- Inspect regularly

5. FEED PURCHASES

- Ensure bales of hay are sourced from areas that are not bordering scheduled areas
- Purchase feed only from reputable dealers
- Avoid buying feed in second hand bags
- Ensure feed trucks are also disinfected and cleaned, especially if also used to transport animals to abattoirs

6. VISITORS

- Do not allow strangers or their vehicles amongst the livestock
- Ensure fences are well maintained and preferably jackal and warthog proof

7. EMPLOYEES

- Do not allow the employees to eat in feed stores
- Supply employees with sufficient ablution facilities
- Regularly arrange to let employees be medicated for tape worm and have health check-ups
- Keep record of all employee livestock on the property
- Treat employee livestock with separate but dedicated health programs
- Ensure employees understand the reason behind the implemented bio-security measures to help ensure compliance.

GENERAL AND REPRODUCTION MANAGEMENT

- Record keeping: All animals are individually identified and recorded.
- To prove ownership: All animals are marked with the registered brand mark according to the Animal Identification Act, No 6 of 2002.
- A defined breeding season is the basis of effective management: The breeding season coincides with the rainy season, i.e. the period when nutritive value of the pasture is at its best.
- Sufficient energy reserves in the herd as measured by condition scoring are vital, especially for effective breeding, and when inadequate the herd is supplemented in consultation with a nutritionist: Condition scoring of bulls and cows are regularly done, particularly at the onset of the breeding season and supplemented if necessary.
- Bull - cow ratios are maintained: A ratio of 1 to 25 is maintained in every separate herd.
- Fertility of breeding bulls: All breeding bulls are tested for mating ability and semen quality before the breeding season.
- Sexually transferable diseases: Sheath washes or scrapes on bulls are performed annually.
- Diseases that can cause poor conception, abortion or weak calves: Cows are vaccinated against such diseases in consultation with the veterinarian.
- Breeding success monitored by a veterinarian: Rectal pregnancy or scan diagnosis is done by the veterinarian 8 weeks after the breeding season.
- Twenty percent of cows or more not pregnant: Further tests are done to determine cause of low pregnancy rate.
- Culling of non-pregnant cows: Non-pregnant cows are removed from the herd and considered a necessary bonus to supporting herd income.

HERD HEALTH AND BIO-SECURITY

- Maintenance of herd health is key to a successful enterprise: A veterinarian should visit the farm bi-annually at least.
- Calf mortality before 3 months of age is an important reason for poor weaning percentage: Good management practices are applied to limit early calf deaths.
- Some diseases and parasites (internal and external) are more often encountered in specific areas: Annual vaccinations and a parasite control program should be applied according to regional requirements and in liaison with the veterinarian.
- Farmers selling weaned calves to feedlots may want to have a market advantage compared to others: A specific vaccination program is applied before weaning for that purpose.
- Herds may be at risk of being exposed to CA and TB: The herd is tested annually for CA and all heifers are vaccinated against CA between 4 and 8 months of age with an efficient, approved remedy. The herd is tested at least every 5 years for TB
- Precautionary measures are required to prevent diseases being imported into the herd: A quarantine program to keep incoming animals separate is followed. All incoming animals have a suitable certificate of negative test results or are of a certified clean, closed herd.
- Stock remedies and medicines should be registered, correctly stored and used before transpire date: All medicines and stock remedies are registered, stored and applied according to prescription.
- Prescribed medicines with a specific application are under the control of the veterinarian profession: All prescription medicines are obtained and applied under prescription from a veterinarian.

Reports were also received from practices regarding ostriches, horses and game. These reports as well as the feedlot and laboratory reports are to be seen below the Disease distribution report as reported by veterinarians.

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

rep_disease_sur	vetprac	
-----------------	---------	--

Table of Contents

<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Eye worm (Thelazia rhodesii) , Tape Worms , Parafilaria , Liver fluke , Conical Flukes , Cysticercosis
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Scab mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges , Mosquitoes
<u>Tick-borne Diseases</u>	African red water , Asiatic red water , Anaplasmosis , Heartwater , Sweating Sickness , Corridor disease , Theileriosis
<u>Insect Transmittable Diseases</u>	Lumpy skin disease , Three-day-stiffsickness , Blue tongue
<u>Venereal Diseases</u>	Trichomonosis , Vibriosis , Pizzle disease
<u>Bacterial Disease (other)</u>	Listeriosis , Blackquarter , Pulpy Kidney , Lamb dysentery , Swelled head disease , Redgut (cattle) , Blood gut (Sheep) , Tetanus , Botulism , Salmonellosis , Brucella abortus , Brucella ovis , Leptospirosis , Pseudomonas , Septicaemia , Enzootic Abortion , E.coli , Dermatophilosis (Lumpy Wool) , Intrauterine Gangrene , Fusibacterium necrophorum
<u>Protozoal diseases (other)</u>	Coccidiosis
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , Rabies , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Orf , Warts
<u>Poisonings (Plant) and Fungal</u>	Cardiac glycoside poisoning , Cestrum , Facial eczema , Lantana , Prussic acid poisoning , Seneciosis , Tulip Poisoning , Other
<u>Poisonings</u>	Snake Bite , Blue-green algae , Chemical products
<u>Macro Nutritional Problems</u>	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency
<u>Micro Nutritional Problems</u>	Copper deficiency , Zinc deficiency , Selenium deficiency , Magnesium deficiency , Vitamin A deficiency
<u>Multi-factorial Disease Conditions</u>	Abortions , Stillbirths , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blue udder , Diarrhoea , Epididymitis , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill , Trauma , Downer , Other

<u>Metabolic Diseases</u>	Acidosis , Displaced abomasum , Ketosis , Milk Fever
<u>Reproductive diseases</u>	Dystocia (Difficult Births) , Endometritis , Metritis , Poor conception , Retained afterbirth , Sheath Prolaps , Uterus prolaps , Vaginal (Cervical) prolaps
<u>Climatical Cause</u>	Lightning , Frozen to death
<u>Non specific diseases</u>	Cause of death not established , Preditors , Sabotation - Theft , Trauma

Internal Parasites

Roundworms in general									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (2)	3.0 (1)	2.3 (3)		2.3 (15)	2.1 (14)	2.0 (6)	2.0 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.3 (3)	1.3 (3)		1.0 (1)	
Dairy						2.0 (1)			
Sheep	3.0 (2)	3.0 (1)	2.5 (2)		2.5 (12)	2.5 (6)	1.8 (4)	2.5 (2)	
Goat			2.0 (1)			2.3 (4)	2.5 (2)		

Mpumalanga
Middelburg , Middelburg Dierehospitaal
Sheep: 3
Standerton, Econovet
Sheep: 3
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
Limpopo
Mokopane, Dr Henk Visser
Sheep: 2, Goat: 2
Polokwane, Pietersburg Veterinary Clinic
Sheep: 3
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 2
Clocolan, Clocolan Dierekliniek
Sheep: 3
Frankfort, Frankfort Dierekliniek
Sheep: 3
Harrismith, Harrismith Dierehospitaal
Sheep: 3
Wireworm infestations rife
Hertzogville, Hertzogville Dierekliniek
Sheep: 3
Hoopstad, Hoopstad Dierekliniek

Beef: 2, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1									
Sasolburg, Sasolburg veearts									
Beef: 1									
Viljoenskroon, Viljoenskroon Dierekliniek									
Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Winburg, Winburg Dierekliniek									
Sheep: 3									
Zastron, Zastron Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 2, Goat: 2									
Dundee, Endumeni Herd health									
Sheep: 3									
Howick, Howick Veterinary Clinic									
Sheep: 3, Goat: 3									
Kokstad, E.G.Veterinary Services									
Beef: 1									
Mooi River, Mooirivier Vet Clinic									
Beef: 1, Dairy: 2, Sheep: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Newcastle, Ncanduvet Newcastle									
Sheep: 3									
Underberg, Underberg Veterinary Surgery									
Sheep: 2, Goat: 2									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 2									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Sheep: 1, Goat: 3									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2, Goat: 2									
Uitenhage, Uitenhage Dierehospitaal									
Sheep: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Resistant Round Worms									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern

				West	State	Natal	Cape	Cape	Cape
Average	2.0 (3)	3.0 (1)			2.0 (4)	1.0 (1)	1.3 (3)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	2.0 (2)	3.0 (1)			2.0 (4)	1.0 (1)	1.5 (2)		
Goat	2.0 (1)						1.0 (1)		

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Sheep: 2

Nelspruit, Nelspruit Animal Hospital

Sheep: 2, Goat: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Free State

Clocolan, Clocolan Dierekliniek

Sheep: 2

Harrismith, Harrismith Dierehospitaal

Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 1

Eastern Cape

Aliwal North, Uitspan C Troskie

Sheep: 1

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 1

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Wireworm



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.5 (2)		2.0 (1)	2.1 (8)	2.7 (3)	1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					2.0 (1)				
Dairy					1.0 (1)				
Sheep		2.0 (1)		2.0 (1)	2.3 (6)	2.5 (2)	1.0 (1)		
Goat		1.0 (1)				3.0 (1)			

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2, Goat: 1

North West
Brits, Brits Dierekliniek
Sheep: 2
Free State
Clocolan, Clocolan Dierekliniek
Sheep: 3
Frankfort, Frankfort Dierekliniek
Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Dairy: 1, Sheep: 3
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Sheep: 3, Goat: 3
Mooi River, Mooirivier Vet Clinic
Sheep: 2
Eastern Cape
Jeffreys Bay, Cape Cross Veterinary Hospital
Sheep: 1

Brown stomach-worm										^
---------------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (2)		2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Dairy						3.0 (1)			
Sheep						1.0 (1)		2.0 (1)	

Kwazulu-Natal
Howick, Howick Veterinary Clinic
Dairy: 3
Kokstad, E.G.Veterinary Services
Sheep: 1
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 2

Eye worm (Thelazia rhodesii)										^
-------------------------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (2)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.5 (2)							
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Tape Worms									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)	1.9 (10)		1.3 (3)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.5 (2)				
Dairy					1.0 (1)				
Sheep				1.0 (1)	2.1 (7)		1.5 (2)		
Goat							1.0 (1)	2.0 (1)	
North West									
Brits, Brits Dierekliniek									
Sheep: 1									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 2									
Clocolan, Clocolan Dierekliniek									
Dairy: 1									
Ficksburg, Ficksburg Dierekliniek									
Sheep: 2									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Reitz, Riemland Dierekliniek									
Beef: 2, Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1, Sheep: 1									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 1									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Western Cape									
Beaufort West, Beaufort West State Vet									
Goat: 2									
Routine examinations									

Parafilaria ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average			1.0 (1)			2.0 (1)		2.0 (1)	
----------------	--	--	---------	--	--	---------	--	---------	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef			1.0 (1)			2.0 (1)		2.0 (1)	
-------------	--	--	---------	--	--	---------	--	---------	--

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Western Cape

Malmesbury, Invitrotech

Beef: 2

Liver fluke ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	2.0 (2)	1.0 (1)			2.1 (7)	2.4 (8)		1.0 (1)	
----------------	---------	---------	--	--	---------	---------	--	---------	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)	1.0 (1)			2.3 (4)	2.8 (4)		1.0 (1)	
-------------	---------	---------	--	--	---------	---------	--	---------	--

Dairy					2.0 (1)	2.0 (3)			
--------------	--	--	--	--	---------	---------	--	--	--

Sheep					2.0 (2)	2.0 (1)			
--------------	--	--	--	--	---------	---------	--	--	--

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 1

Standerton, Econovet

Beef: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2, Sheep: 2

Ficksburg, Ficksburg Dierekliniek

Beef: 2

Positive on Elisa test

Frankfort, Frankfort Dierekliniek

Beef: 3, Sheep: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Beef: 3, Dairy: 3

Kokstad, E.G.Veterinary Services
Beef: 2, Dairy: 2, Sheep: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 1
Newcastle, Ncanduvet Newcastle
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Conical Flukes										^
-----------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)				2.2 (5)	2.2 (5)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.7 (3)				2.0 (4)	2.3 (3)			
Dairy						2.0 (2)			
Sheep					3.0 (1)				

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Bethal, Bethal Dierekliniek
Beef: 1
Standerton, Econovet
Beef: 3
Free State
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Mooi River, Mooirivier Vet Clinic
Dairy: 1
Newcastle, Ncanduvet Newcastle
Beef: 2
Pietermaritzburg, Dr Rick Mapham Consultancy
Beef: 2

Cysticercosis										^
----------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	1.0 (1)		3.0 (1)	2.0 (1)	2.0 (3)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)	1.0 (1)		3.0 (1)	2.0 (1)	2.0 (1)			
Sheep						2.0 (1)			
Goat	1.0 (1)					2.0 (1)			

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Abattoir inspections: all animals from feedlots

Volksrust, Volksrust Dierehospitaal

Goat: 1

Coenurus cerebralis cyst in goat's brain. Case reported to State Vet Newcastle.

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

North West

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 3

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 2

Kwazulu-Natal

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 2

Pongola, Pongola Animal Clinic

Sheep: 2, Goat: 2

External Parasites

Blue ticks



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.4 (7)	1.7 (3)	1.5 (2)	3.0 (2)	2.8 (13)	2.7 (14)	2.5 (4)	2.0 (3)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.5 (6)	1.5 (2)	1.5 (2)	3.0 (2)	2.8 (9)	2.8 (12)	2.5 (4)	2.0 (2)	
Dairy	2.0 (1)				2.7 (3)	2.5 (2)		2.0 (1)	
Sheep		2.0 (1)			3.0 (1)				

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 2

Bethal, Bethal Dierekliniek

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2
Middelburg , Middelburg Dierehospitaal
Beef: 3
Nelspruit, Nelspruit Animal Hospital
Beef: 3, Dairy: 2
Standerton, Econovet
Beef: 3
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Beef: 2, Sheep: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 1
Limpopo
Mokopane, Dr Henk Visser
Beef: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
North West
Schweizer-Reneke, NJ Heyns
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 3
Frankfort, Frankfort Dierekliniek
Beef: 3, Dairy: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 2, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3
Sasolburg, Sasolburg veearts
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 3
Winburg, Winburg Dierekliniek
Beef: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 3
Dundee, Mpati Veterinary Clinic
Beef: 3
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 2

Mooi River, Mooirivier Vet Clinic
Beef: 3, Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3
Underberg, Waterford Farm, Underberg
Beef: 3
Late increase in blue tick numbers
Vryheid, Dr GH Theron
Beef: 3

Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 3
Aliwal North, Uitspan C Troskie
Beef: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 2
Stutterheim, Stutterheim Veterinary Clinic
Beef: 3
Severe increase in tick numbers. Lost six weaners, damage to legs and udders of cows
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Oudtshoorn, Oudtshoorn Dierekliniek
Beef: 1
Plettenberg Bay, Plettenberg Bay A Reitz
Beef: 3

Resistant blue Ticks									^
-----------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average						2.3 (3)			
----------------	--	--	--	--	--	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef						2.3 (3)			
-------------	--	--	--	--	--	---------	--	--	--

Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 1
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Vryheid, Dr GH Theron
Beef: 3

Heartwater (Bont) ticks									^
--------------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	3.0 (1)	3.0 (2)	1.4 (5)	2.0 (3)	2.3 (8)	2.0 (1)
----------------	---------	---------	---------	---------	---------	---------

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	3.0 (1)	3.0 (1)	1.5 (2)	2.0 (1)	2.2 (6)	2.0 (1)
Sheep		3.0 (1)	1.5 (2)	2.0 (1)		
Goat			1.0 (1)	2.0 (1)	2.5 (2)	

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 3, Sheep: 3

Limpopo

Mokopane, Dr Henk Visser

Beef: 1, Sheep: 1, Goat: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 2, Sheep: 2

North West

Brits, Brits Dierekliniek

Beef: 2, Sheep: 2, Goat: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 3, Goat: 3

Mooi River, Mooirivier Vet Clinic

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3

Vryheid, Dr GH Theron

Beef: 2, Goat: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Brown ear-ticks



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (4)	2.0 (2)	2.0 (2)		3.0 (1)	2.3 (12)		2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.3 (4)	2.0 (2)	2.0 (2)		3.0 (1)	2.4 (10)		2.0 (1)	
Sheep						2.0 (1)			
Goat						2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Bethal, Bethal Dierekliniek
Beef: 1
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Nelspruit, Nelspruit Animal Hospital
Beef: 2
Lower infestations during Autumn compared to mid summer
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
Also a problem in horses
Pretoria, Anima Veterinary Consulting Rooms
Beef: 2
Limpopo
Mokopane, Dr Henk Visser
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
Free State
Winburg, Winburg Dierekliniek
Beef: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Bergville, Tugela Vet Clinic
Beef: 2, Sheep: 2, Goat: 2
Dundee, Endumeni Herd health
Beef: 1
Dundee, Mpati Veterinary Clinic
Beef: 2
Howick, Howick Veterinary Clinic
Beef: 3
Ingogo, Gen XY Stud Beef Consultancy
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 3
Underberg, Underberg Veterinary Surgery
Beef: 3
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 2

Bont-legged ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	2.0 (1)	1.5 (2)	3.0 (1)	2.6 (9)	1.4 (5)	2.0 (2)		2.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases

reported									
Beef	1.3 (3)	2.0 (1)	1.5 (2)	3.0 (1)	2.6 (5)	1.7 (3)	2.0 (1)		2.0 (1)
Sheep					2.5 (4)	1.0 (1)	2.0 (1)		
Goat						1.0 (1)			

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 1									
Volksrust, Volksrust Dierehospitaal									
Beef: 2									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 2									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 2									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 3, Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									
Winburg, Winburg Dierekliniek									
Beef: 3, Sheep: 3									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1, Sheep: 1, Goat: 1									
Dundee, Endumeni Herd health									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2, Sheep: 2									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 2									

Red-legged ticks									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)			3.0 (1)	2.6 (7)	2.3 (3)		2.0 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.3 (3)	3.0 (1)	2.5 (4)	2.5 (2)	2.0 (1)
Sheep		2.7 (3)	2.0 (1)		2.0 (1)

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Bethal, Bethal Dierekliniek

Beef: 1

Volksrust, Volksrust Dierehospitaal

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 3, Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Dundee, Mpati Veterinary Clinic

Sheep: 2

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 2

Underberg, Underberg Veterinary Surgery

Beef: 3

Western Cape

Caledon, Overberg Veterinary Hospital

Beef: 2, Sheep: 2

Paralysis ticks



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)			3.0 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)							
Sheep							3.0 (1)	
Goat							3.0 (1)	

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 1

Western Cape

Swellendam, Swellendam Dierehospitaal

Sheep: 3

Two outbreaks, in one case a farmer lost 50 sheep.

Goat: 3

Biting lice (red lice) [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average					2.5 (2)	1.0 (1)			
----------------	--	--	--	--	---------	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					2.0 (1)				
-------------	--	--	--	--	---------	--	--	--	--

Sheep					3.0 (1)				
--------------	--	--	--	--	---------	--	--	--	--

Goat						1.0 (1)			
-------------	--	--	--	--	--	---------	--	--	--

Free State

Frankfort, Frankfort Direkliniek

Sheep: 3

Harrismith, Harrismith Dierehospitaal

Beef: 2

Kwazulu-Natal

Pietermaritzburg, Richmond Veterinay Clinic

Goat: 1

Sucking lice (blue lice) [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average							1.0 (1)		
----------------	--	--	--	--	--	--	---------	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Goat							1.0 (1)		
-------------	--	--	--	--	--	--	---------	--	--

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 1

Scab mites [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average						2.0 (1)			
----------------	--	--	--	--	--	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep						2.0 (1)			
--------------	--	--	--	--	--	---------	--	--	--

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 2

Nuisance Flies [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (2)	2.2 (10)	2.0 (3)	3.0 (1)	1.3 (4)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				3.0 (2)	2.2 (5)	2.0 (2)	3.0 (1)	1.0 (1)	
Dairy					3.0 (1)			2.0 (1)	
Sheep					2.0 (4)			1.0 (1)	
Goat						2.0 (1)		1.0 (1)	

North West

Schweizer-Reneke, NJ Heyns

Beef: 3

Stella, Stella Dierekliniek

Beef: 3

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 2, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Dairy: 3

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1, Sheep: 1

Winburg, Winburg Dierekliniek

Beef: 3

Zastron, Zastron Dierekliniek

Beef: 2, Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 3

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Blowflies



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)		2.5 (4)	1.0 (1)		2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.0 (1)							
Sheep				2.5 (4)	1.0 (1)			2.0 (1)	

Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Free State									
Hoopstad, Hoopstad Dierekliek									
Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Villiers, Wilgepoort Dierekliek Vennootskap									
Sheep: 2									
Winburg, Winburg Dierekliek									
Sheep: 3									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Sheep: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliek									
Sheep: 2									

Screw-worm									^
-------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)		2.0 (2)			1.0 (1)	2.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)		2.0 (1)			1.0 (1)	2.0 (1)		
Sheep			2.0 (1)						

Mpumalanga									
Nelspruit, Nelspruit Animal Hospital									
Beef: 2									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 2, Sheep: 2									
Kwazulu-Natal									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									

Nasal bot larvae									^
-------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)			2.0 (4)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep									
		3.0 (1)			2.0 (4)				
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 2									
Reitz, Riemland Dierekliniek									
Sheep: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 2									
Midges									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (4)			3.0 (1)	2.0 (4)	2.0 (4)	2.0 (2)	2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (2)			3.0 (1)	2.0 (1)	2.0 (2)	2.0 (1)		
Dairy								2.0 (1)	
Sheep	1.0 (2)				2.0 (3)	2.0 (2)	2.0 (1)	2.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1, Sheep: 1									
Bethal, Bethal Dierekliniek									
Beef: 1, Sheep: 1									
North West									
Brits, Brits Dierekliniek									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Zastron, Zastron Dierekliniek									
Beef: 2, Sheep: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 2, Sheep: 2									
Dundee, Endumeni Herd health									
Sheep: 2									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2, Sheep: 2									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									

Dairy: 2, Sheep: 2

Mosquitoes ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)		2.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				3.0 (1)		2.0 (1)			
-------------	--	--	--	---------	--	---------	--	--	--

North West

Brits, Brits Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Tick-borne Diseases

African red water ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)		2.0 (1)		2.4 (7)	2.4 (15)	2.0 (1)	2.1 (7)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.3 (3)		2.0 (1)		2.4 (5)	2.4 (12)		2.2 (5)	
Dairy					2.5 (2)	2.3 (3)	2.0 (1)	2.0 (2)	

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 3

Middelburg , Middelburg Dierehospitaal

Beef: 1

Standerton, Econovet

Beef: 3

Limpopo

Vaalwater, Vaalwater Dieresprekkamer

Beef: 2

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Ficksburg, Ficksburg Dierekliniek

Beef: 2

Frankfort, Frankfort Dierekliniek

Beef: 3, Dairy: 3

Harrismith, Harrismith Dierehospitaal

Beef: 3

Cattle arriving from Natal

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 3									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Greytown, Greytown Veterinary Hospital									
Beef: 3									
Outbreak - to date 34 animals treated.									
Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 3									
Kokstad, E.G.Veterinary Services									
Beef: 2, Dairy: 2									
Mooi River, Mooirivier Vet Clinic									
Beef: 3, Dairy: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 2									
George, George Animal Hospital									
Beef: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 2									
Cattle were bought in the Mosselbaai area for a feedlot in Malmesbury and quite a few developed African red water symptoms. A bloodsmear confirmed diagnosis.									
Oudtshoorn, Oudtshoorn Dierekliniek									
Beef: 3									
Plettenberg Bay, Plettenberg Bay A Reitz									
Beef: 2									
Five cases of African red water. Severe blue tick infestation.									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Asiatic red water									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	2.0 (3)	2.0 (1)		2.4 (5)	1.9 (10)	2.5 (4)	2.7 (3)
----------------	---------	---------	--	---------	----------	---------	---------

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (3)	2.0 (1)		2.3 (4)	1.9 (9)	2.7 (3)	3.0 (2)
Dairy				3.0 (1)	2.0 (1)	2.0 (1)	2.0 (1)

Mpumalanga							
Balfour, Balfour Dierekliniek							
Beef: 2							
Bethal, Bethal Dierekliniek							
Beef: 2							
Volksrust, Volksrust Dierehospitaal							
Beef: 2							
Gauteng							
Bronkhorstspuit, Kerkstraat Dierekliniek							
Beef: 2							
Free State							
Ficksburg, Ficksburg Dierekliniek							
Beef: 2							
Frankfort, Frankfort Dierekliniek							
Beef: 3, Dairy: 3							
Reitz, Riemland Dierekliniek							
Beef: 1							
Villiers, Wilgepoort Dierekliniek Vennootskap							
Beef: 3							
Kwazulu-Natal							
Bergville, Bergville Veterinary Clinic							
Beef: 2							
Bergville, Tugela Vet Clinic							
Beef: 2							
Camperdown, Camperdown Vet Clinic							
Beef: 2							
Dundee, Endumeni Herd health							
Beef: 3							
Numerous outbreaks in April with high mortality rates especially in weaners.							
Dundee, Mpati Veterinary Clinic							
Beef: 1							
Kokstad, E.G.Veterinary Services							
Beef: 1							
Mooi River, Mooirivier Vet Clinic							
Dairy: 2							
Mtubatuba, Mtubatuba Animal Clinic							
Beef: 1							
Pietermaritzburg, Richmond Veterinay Clinic							
Beef: 2							
Underberg, Underberg Veterinary Surgery							
Beef: 3							
Eastern Cape							
Alexandria, Alexandria Platteland Spreekkamer							
Beef: 3							
Humansdorp, Humansdorp Veterinary Clinic							
Dairy: 2							
Stutterheim, Stutterheim Veterinary Clinic							

Beef: 3
Six reported outbreaks in the Stutterheim district
Uitenhage, Uitenhage Dierehospitaal
Beef: 2
Western Cape
George, George Animal Hospital
Beef: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Swellendam, Swellendam Dierehospitaal
Beef: 3
In my area autumn is the time of the year when most red water cases occur

Anaplasmosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.0 (1)		2.5 (2)	1.9 (17)	2.1 (9)	1.5 (4)	2.0 (2)	1.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)	1.0 (1)		2.5 (2)	2.1 (13)	2.0 (8)	1.5 (4)	2.0 (2)	1.0 (1)
Dairy					1.3 (4)	3.0 (1)			

Mpumalanga
Volksrust, Volksrust Dierehospitaal
Beef: 2
Gauteng
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 1
North West
Christiana, Christiana Dierehospitaal
Beef: 3
Schweizer-Reneke, NJ Heyns
Beef: 2
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 2
Ficksburg, Ficksburg Dierekliniek
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 3
Cattle arriving from Natal
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 1
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2, Dairy: 1									
Reitz, Riemland Dierekliniek									
Beef: 2, Dairy: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									
Zastron, Zastron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 3									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Underberg, Waterford Farm, Underberg									
Beef: 3									
Ten cases of anaplasmosis.									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Aliwal North, Uitspan C Troskie									
Beef: 1									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 1									
Western Cape									
George, George Animal Hospital									
Beef: 3									
Disease occurred even in calves younger than 4 months of age.									
Oudtshoorn, Oudtshoorn Dierekliniek									
Beef: 1									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 1									
Heartwater									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.8 (4)	1.4 (5)	1.5 (2)		1.9 (8)	1.5 (4)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.0 (1)	1.0 (1)		1.8 (5)	1.5 (2)
Dairy						2.0 (1)
Sheep	2.0 (1)	2.0 (2)	1.5 (2)	2.0 (1)	2.0 (2)	1.0 (1)
Goat		2.0 (1)	1.5 (2)	1.0 (1)	2.0 (1)	

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Sheep: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep: 1, Goat: 2

Limpopo

Mokopane, Dr Henk Visser

Beef: 1, Sheep: 1, Goat: 1

Polokwane, Pietersburg Veterinary Clinic

Sheep: 2, Goat: 2

North West

Brits, Brits Dierekliniek

Sheep: 2, Goat: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Camperdown, Camperdown Vet Clinic

Sheep: 2

Mooi River, Mooirivier Vet Clinic

Beef: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 2

Pongola, Pongola Animal Clinic

Sheep: 2

Vryheid, Dr GH Theron

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 1

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1

Jansenville

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Uitenhage, Uitenhage Dierehospitaal

Beef: 2

Sweating Sickness



PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
----------	------------	---------	---------	-------	------	----------	---------	---------	----------

				West	State	Natal	Cape	Cape	Cape
Average					1.0 (1)	1.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.0 (1)	1.0 (1)			
-------------	--	--	--	--	---------	---------	--	--	--

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 1

Corridor disease



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	3.0 (1)					2.5 (2)			
----------------	---------	--	--	--	--	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	3.0 (1)					2.5 (2)			
-------------	---------	--	--	--	--	---------	--	--	--

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Southern part of Mozambique bordering KNP. Cattle mortalities coincide with buffalo contact (indirectly) when they break through the game fence.

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Pongola, Pongola Animal Clinic

Beef: 3

Multiple outbreaks on farms with no Corridor disease (CD) buffalo, but in vicinity of registered CD buffalo game farms. Brown ear ticks numbers abundant this season.

Theileriosis



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average						2.0 (1)			
----------------	--	--	--	--	--	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef						2.0 (1)			
-------------	--	--	--	--	--	---------	--	--	--

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Buffalo moved onto farm and cattle died of Theileriosis

Insect Transmittable Diseases

Lumpy skin disease ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	2.0 (8)	2.0 (1)	2.0 (2)	3.0 (1)	2.0 (4)	1.8 (6)			
----------------	---------	---------	---------	---------	---------	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (8)	2.0 (1)	2.0 (2)	3.0 (1)	2.0 (4)	1.8 (6)			
-------------	---------	---------	---------	---------	---------	---------	--	--	--

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Bethal, Bethal Dierekliniek

Beef: 1

Lydenburg, Lydenburg Dieresprekkamer

Beef: 3

Middelburg , Middelburg Dierehospitaal

Beef: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Although mostly seen in summer, outbreaks occurred (warm weather with biting flies present): non - vaccinated animals.

Piet Retief, Pets Vet Hospital

Beef: 1

Standerton, Econovet

Beef: 2

Volksrust, Volksrust Dierehospitaal

Beef: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

Polokwane, Pietersburg Veterinary Clinic

Beef: 3

North West

Brits, Brits Dierekliniek

Beef: 3

Free State

Harrismith, Harrismith Dierehospitaal

Beef: 2

Cattle were not vaccinated

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Dundee, Mpati Veterinary Clinic

Beef: 2

Ingogo, Gen XY Stud Beef Consultancy
Beef: 2
Newcastle, Ncanduvet Newcastle
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 1
Vryheid, Dr GH Theron
Beef: 2

Three-day-stiffsickness									^
--------------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	1.5 (2)	1.0 (3)		1.5 (4)	1.6 (5)		1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.5 (2)	1.5 (2)	1.0 (3)		1.5 (4)	1.6 (5)		1.0 (1)	
-------------	---------	---------	---------	--	---------	---------	--	---------	--

Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 3									
Volkstrust, Volkstrust Dierehospitaal									
Beef: 2									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 1									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
Vaalwater, Vaalwater Dieresprekkamer									
Beef: 1									
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Hertzogville, Hertzogville Dierekliniek									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2									
Zastron, Zastron Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 1									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 2									

Mooi River, Mooirivier Vet Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 1									
No vaccine available									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 1									
Blue tongue									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	1.0 (1)	1.0 (1)		2.4 (12)	1.8 (4)	2.0 (2)	2.2 (5)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	2.5 (2)	1.0 (1)	1.0 (1)		2.4 (12)	1.8 (4)	2.0 (2)	2.2 (5)	
Mpumalanga									
Standerton, Econovet									
Sheep: 2									
Volkstrust, Volkstrust Dierehospitaal									
Sheep: 3									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Sheep: 1									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 1									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 2									
Six month old Dohne Merino rams that were not vaccinated, vaccine not available									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 2									
Frankfort, Frankfort Dierekliniek									
Sheep: 2									
Harrismith, Harrismith Dierehospitaal									
Sheep: 2									
Hertzogville, Hertzogville Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 3									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Viljoenskroon, Viljoenskroon Dierekliniek									
Sheep: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 3									

Young animals were not vaccinated - vaccine unavailable!

Winburg, Winburg Dierekliniek

Sheep: 3

Zastron, Zastron Dierekliniek

Sheep: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 2

Dundee, Mpati Veterinary Clinic

Sheep: 2

Mooi River, Mooirivier Vet Clinic

Sheep: 2

Newcastle, Ncanduvet Newcastle

Sheep: 1

Eastern Cape

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Sheep: 2

Less cases seen than expected

Jeffreys Bay, Cape Cross Veterinary Hospital

Sheep: 2

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Murraysburg, Nelspoort areas

Caledon, Overberg Veterinary Hospital

Sheep: 2

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

Vredenburg, Vredenburg Dierehospitaal

Sheep: 2

Three different cases of blue tongue. Area very dry - last rain in 2014

Wellington, Wellington Dierehospitaal

Sheep: 3

Blue tongue outbreaks on 3 farms

Venereal Diseases

Trichomonosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.7 (3)		1.0 (1)	3.0 (1)	2.4 (7)	2.3 (3)			1.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.7 (3)		1.0 (1)	3.0 (1)	2.4 (7)	2.3 (3)			1.0 (1)
-------------	---------	--	---------	---------	---------	---------	--	--	---------

Mpumalanga

Middelburg, Middelburg Dierehospitaal

Beef: 3

Piet Retief, Pets Vet Hospital

Beef: 2

Standerton, Econovet

Beef: 3

Numerous farms getting infected as neighbouring farms are not testing and are infected.

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Stella, Stella Direkliniek

Beef: 3

Existing farm

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 2

Two bulls positive in Wepener district. Poor conception of cows.

Frankfort, Frankfort Direkliniek

Beef: 3

Hertzogville, Hertzogville Direkliniek

Beef: 2

Hoopstad, Hoopstad Direkliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Beef: 2

Viljoenskroon, Viljoenskroon Direkliniek

Beef: 2

Young bulls tested for production sale

Villiers, Wilgepoort Direkliniek Vennootskap

Beef: 3

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Beef: 3

Newcastle, Ncanduvet Newcastle

Beef: 1

Vryheid, Dr GH Theron

Beef: 3

On one farm 5 out of 12 bulls were positive

Northern Cape

Kimberley, Kimberley Direkliniek

Beef: 1

Vibriosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)	1.0 (1)	2.0 (1)		1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				1.0 (1)	1.0 (1)	2.0 (1)		1.0 (1)	
-------------	--	--	--	---------	---------	---------	--	---------	--

North West

Stella, Stella Direkliniek

Beef: 1

Free State

Viljoenskroon, Viljoenskroon Direkliniek

Beef: 1

Kwazulu-Natal

Kokstad, E.G.Veterinary Services									
Beef: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 1									
Pizzle disease									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average							2.0 (1)	1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep							2.0 (1)	1.5 (2)	
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Positive rams bought at auction - no biosecurity measures in place. Severe infections.									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 1									
First outbreak on the farm. Bought a stud ram at an auction.									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
Bacterial Disease (other)									
Listeriosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef								1.0 (1)	
Sheep								1.0 (1)	
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 1									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Blackquarter									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			2.0 (10)	1.7 (3)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.0 (1)		2.0 (10)	1.7 (3)				
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Beef: 1									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Dewetsdorp, Platkop Dierekliniek									
Beef: 2									
Ficksburg, Ficksburg Dierekliniek									
Beef: 2									
Frankfort, Frankfort Dierekliniek									
Beef: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 3									
Reitz, Riemland Dierekliniek									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 2									
Winburg, Winburg Dierekliniek									
Beef: 1									
Zastron, Zastron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 3									

Pulpy Kidney									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)			2.0 (1)	2.8 (6)	1.0 (1)	1.0 (1)	1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	2.0 (2)			2.0 (1)	2.8 (6)	1.0 (1)	1.0 (1)	1.0 (1)	
Mpumalanga									
Standerton, Econovet									
Sheep: 2									
Volksrust, Volksrust Dierehospitaal									
Sheep: 2									
North West									
Christiana, Christiana Dierehospitaal									

Sheep: 2
Free State
Bethlehem, Bethlehem Animal Hospital
Sheep: 3
Dewetsdorp, Platkop Dierekliniek
Sheep: 2
Frankfort, Frankfort Dierekliniek
Sheep: 3
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Reitz, Riemland Dierekliniek
Sheep: 3
Winburg, Winburg Dierekliniek
Sheep: 3
Kwazulu-Natal
Mooi River, Mooirivier Vet Clinic
Sheep: 1
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 1
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 1

Lamb dysentery										^
-----------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep						2.0 (1)			
--------------	--	--	--	--	--	---------	--	--	--

Kwazulu-Natal
Kokstad, E.G.Veterinary Services
Sheep: 2

Swelled head disease										^
-----------------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)	1.0 (1)						

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	1.0 (1)	1.0 (1)						
-------------	---------	---------	---------	--	--	--	--	--	--

Mpumalanga
Piet Retief, Pets Vet Hospital
Beef: 1
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 1

Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Red gut (cattle)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.0 (2)	1.5 (2)	2.0 (1)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				2.0 (2)	1.5 (2)	2.0 (1)		
Dairy								1.0 (1)	
Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Beef: 1									
Free State									
Frankfort, Frankfort Dierekliniek									
Beef: 3									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Western Cape									
Malmesbury, Dr Otto Kriek									
Dairy: 1									
Blood gut (Sheep)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				2.0 (1)			2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	2.0 (1)				2.0 (1)			2.0 (1)	
Mpumalanga									
Standerton, Econovet									
Sheep: 2									
Free State									
Zastron, Zastron Dierekliniek									
Sheep: 2									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									

Tetanus									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			1.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef									1.0 (1)
Sheep						2.0 (1)			

Kwazulu-Natal									
Vryheid, Dr GH Theron									
Sheep: 2									
Northern Cape									
Kimberley, Kimberley Dierekliniiek									
Beef: 1									

Botulism									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)	1.0 (1)			2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)	1.0 (1)			2.0 (1)

Free State									
Hoopstad, Hoopstad Dierekliniiek									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 1									
Northern Cape									
Kimberley, Kimberley Dierekliniiek									
Beef: 2									

Salmonellosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (2)	1.0 (1)	2.0 (1)		1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef				2.0 (1)	1.0 (1)	2.0 (1)			
Dairy								1.5 (2)	
Sheep				2.0 (1)					

North West									
Jan Kempdorp, Dr. Jan D Brand									

Beef: 2
Bacteria isolated from calves having diarrhoea and deaths
Sheep: 2
Bacteria isolated from lambs having diarrhoea and deaths
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Kwazulu-Natal
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Western Cape
Stellenbosch, Provincial Veterinary Laboratory
Dairy: 2
Paarl area: Salmonella Group I was isolated on five occasions from cattle on the same dairy farm. They had diarrhoea or they had died.
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1

Brucella abortus (Bovine brucellosis)									^
--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	1.0 (1)	1.0 (1)	2.0 (2)	2.4 (9)	2.0 (1)			2.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)		1.0 (1)	2.0 (2)	2.7 (6)	2.0 (1)			2.0 (1)
Dairy		1.0 (1)			2.0 (3)				

Mpumalanga
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Standerton, Econovet
Beef: 2
New cases are continuously found
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Dairy: 1
Limpopo
Mokopane, Dr Henk Visser
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 2
Schweizer-Reneke, NJ Heyns
Beef: 2
Free State
Clocolan, Clocolan Dierekliniek
Beef: 3, Dairy: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Dairy: 2
Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 1									
Tested in an already positive herd.									
Villiers, Wilgepoort Dierkliniek Vennootskap									
Beef: 3									
Wesselsbron, Wesselsbron Dierkliniek									
Beef: 3									
Winburg, Winburg Dierkliniek									
Beef: 3									
Animals to be sold were tested for brucellosis - 50% tested positive									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 2									
Biosecurity break – neighbour cattle mixed with herd									
Northern Cape									
Kimberley, Kimberley Dierkliniek									
Beef: 2									
Brucella ovis (Ram disease)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)			2.0 (1)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					1.0 (1)			2.0 (1)	2.0 (1)
Free State									
Reitz, Riemland Dierkliniek									
Sheep: 1									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 2									
Diagnosed during a routine ram test									
Northern Cape									
De Aar, De Aar Veterinary Clinic									
Sheep: 2									
Two out of 5 rams tested positive									
Leptospirosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						3.0 (1)	1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						3.0 (1)			
Dairy							1.0 (1)		
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 3									
Eastern Cape									

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 1

Pseudomonas

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average						2.0 (1)	1.0 (1)		
----------------	--	--	--	--	--	---------	---------	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef						2.0 (1)			
Dairy							1.0 (1)		

Kwazulu-Natal

Pongola, Pongola Animal Clinic

Beef: 2

This facial paralysis syndrome caused by *Pseudomona aeruginosa* in the brain stem continues to trouble us in NE Zululand and SE Swaziland.

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 1

Mastitis

Septicaemia

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	1.0 (1)							1.0 (1)	
----------------	---------	--	--	--	--	--	--	---------	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)								
Sheep								1.0 (1)	

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Western Cape

Stellenbosch, Provincial Veterinary Laboratory

Sheep: 1

Stellenbosch area: *Mannheimia haemolytica* was isolated from a swab of the thoracic cavity of a lamb carcass that presented with fibrinous peritonitis, pleuritis and pericarditis.

Enzootic Abortion

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average				2.0 (1)	2.5 (2)				
----------------	--	--	--	---------	---------	--	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep				2.0 (1)	2.5 (2)				
--------------	--	--	--	---------	---------	--	--	--	--

North West									
Jan Kempdorp, Dr. Jan D Brand									
Sheep: 2									
<i>Campylobacter</i> in the Vryburg area, isolated from 2 lambs									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
<i>E. coli</i> (Colibacillosis)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)		3.0 (1)	2.0 (2)	2.3 (9)	1.8 (6)	1.0 (1)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)			2.0 (1)	2.0 (2)	3.0 (1)		1.0 (1)	
Dairy					2.0 (2)	2.0 (3)			
Sheep			3.0 (1)	2.0 (1)	2.6 (5)	1.0 (2)	1.0 (1)		
Mpumalanga									
Volksrust, Volksrust Dierehospitaal									
Beef: 3									
Limpopo									
Ellisras, Matoppi Dierekliniek									
Sheep: 3									
<i>E. coli</i> septicaemia									
North West									
Jan Kempdorp, Dr. Jan D Brand									
Beef: 2									
Isolated from calves having diarrhoea and deaths									
Sheep: 2									
Isolated from lambs having diarrhoea and deaths									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 3									
50 lambs died due to an infection with a very resistant <i>E. coli</i> strain. The farm on which it occurred previously had a dairy.									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2, Dairy: 2									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Parys, Parys Dierehospitaal									
Sheep: 3									
One to 3 week old lambs died of diarrhoea – One farm diagnosed with <i>E. coli</i> , a second farm under investigation. No coccidiosis diagnosed in house. Only the newer generation antibiotics successful together with symptomatic treatment.									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									

Sheep: 2
Winburg, Winburg Dierekliniek
Sheep: 3
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Dairy: 3
Kokstad, E.G.Veterinary Services
Dairy: 1, Sheep: 1
Mooi River, Mooirivier Vet Clinic
Dairy: 2
Pongola, Pongola Animal Clinic
Sheep: 1
Underberg, Underberg Veterinary Surgery
Beef: 3
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 1
Western Cape
Swellendam, Swellendam Dierehospitaal
Beef: 1

Dermatophilosis (Lumpy Wool)									^
------------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average					2.0 (2)	2.0 (1)			
----------------	--	--	--	--	---------	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep					2.0 (2)	2.0 (1)			
--------------	--	--	--	--	---------	---------	--	--	--

Free State
Frankfort, Frankfort Dierekliniek
Sheep: 3
Reitz, Riemland Dierekliniek
Sheep: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 2

Intrauterine Gangrene									^
-----------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	1.0 (2)				1.0 (1)				
----------------	---------	--	--	--	---------	--	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.0 (1)				1.0 (1)				
--------------	---------	--	--	--	---------	--	--	--	--

Goat	1.0 (1)								
-------------	---------	--	--	--	--	--	--	--	--

Mpumalanga
Grootvlei, Grootvlei Dierekliniek
Sheep: 1

Nelspruit, Nelspruit Animal Hospital									
Goat: 1									
Free State									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Fusibacterium necrophorum									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef								1.0 (1)	
Sheep								2.0 (1)	
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 1, Sheep: 2									
Protozoal diseases (other)									
Coccidiosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)			2.0 (1)	1.6 (8)	1.3 (3)	1.8 (4)	1.0 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)	1.0 (2)			
Dairy					1.0 (1)				
Sheep	2.0 (2)			2.0 (1)	1.8 (6)		1.5 (2)	1.0 (2)	
Goat	2.0 (1)					2.0 (1)	2.0 (2)	1.0 (1)	
Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Goat: 2									
Piet Retief, Pets Vet Hospital									
Sheep: 1									
Standerton, Econovet									
Sheep: 3									
Increasing due to intensive farming systems									
North West									
Brits, Brits Dierekliniek									
Sheep: 2									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 2									
Feedlot lambs, previously from Bultfontein									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									

Harrismith, Harrismith Dierehospitaal
Sheep: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 1, Dairy: 1
Reitz, Riemland Dierekliniek
Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1
Kwazulu-Natal
Mooi River, Mooirivier Vet Clinic
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1, Goat: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 1
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2, Goat: 2
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 1
Oudtshoorn, Oudtshoorn Dierekliniek
Sheep: 1, Goat: 1

Fungal diseases

Ringworm									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)		2.5 (2)	2.0 (3)	2.0 (4)	1.3 (3)	1.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)			2.5 (2)	2.0 (3)	1.7 (3)	1.5 (2)		
Dairy						3.0 (1)		1.0 (2)	
Sheep		1.0 (1)							
Goat							1.0 (1)		

Mpumalanga
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 1
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Stella, Stella Dierekliniek
Beef: 3

Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Reitz, Riemland Dierekliniek									
Beef: 1									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 3									
Hot and humid weather									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2									
High humidity after rains									
Humansdorp, Humansdorp Veterinary Clinic									
Beef: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 1									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 1									
Viral Diseases (other)									
BMC									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)		2.0 (2)	1.0 (1)	1.6 (5)	3.0 (1)	2.0 (1)		2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (2)		2.0 (2)	1.0 (1)	1.5 (4)	3.0 (1)	2.0 (1)		2.0 (1)
Dairy					2.0 (1)				
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 1									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 2									
Vaalwater, Vaalwater Dieresprekkamer									
Beef: 2									

North West									
Brits, Brits Dierekliniek									
Beef: 1									
Free State									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 2, Dairy: 2									
Parys, Parys Dierehospitaal									
Beef: 1									
Farm adjacent to game farm with blue wildebeest.									
Reitz, Riemland Dierekliniek									
Beef: 2									
Winburg, Winburg Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Beef: 3									
Eastern Cape									
Stutterheim, Stutterheim Veterinary Clinic									
Beef: 2									
Six cattle died due to BMC-confirmed wildebeest associated (Kei Road. One confirmed case in the Bolo area)									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 2									
Rabies									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy						1.0 (1)			
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Dairy: 1									
BVD (Bovine viral diarrhoea)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (1)	3.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (1)				
Dairy						3.0 (1)			
Free State									
Ficksburg, Ficksburg Dierekliniek									
Beef: 2									
Elisa test									
Kwazulu-Natal									

Howick, Howick Veterinary Clinic

Dairy: 3

IBR (Infectious bovine rhinotracheitis)



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average

1.0 (1)

3.0 (3)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef

1.0 (1)

3.0 (2)

Dairy

3.0 (1)

Free State

Wesselsbron, Wesselsbron Dierekliniek

Beef: 1

Kwazulu-Natal

Dundee, Mpati Veterinary Clinic

Beef: 3

Howick, Howick Veterinary Clinic

Dairy: 3

Pietermaritzburg, Richmond Veterinary Clinic

Beef: 3

Enzootic Bovine Leucosis (EBL)



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average

2.0 (1)

1.5 (2)

2.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef

2.0 (1)

Dairy

1.5 (2)

2.0 (1)

Kwazulu-Natal

Underberg, Underberg Veterinary Surgery

Beef: 2

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 1

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Orf



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	1.0 (1)	2.0 (1)	1.0 (1)	1.0 (2)	2.4 (5)	1.7 (3)	1.3 (3)	2.0 (1)
----------------	---------	---------	---------	---------	---------	---------	---------	---------

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.0 (1)	2.0 (1)		1.0 (1)	2.4 (5)	2.0 (2)	1.5 (2)	2.0 (1)
Goat			1.0 (1)	1.0 (1)		1.0 (1)	1.0 (1)	

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Sheep: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Limpopo

Mokopane, Dr Henk Visser

Goat: 1

North West

Christiana, Christiana Dierehospitaal

Goat: 1

Ventersdorp, Buffelsvlei Dierekliniek

Sheep: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Kroonstad, Kroonstad Dierehospitaal

Sheep: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Winburg, Winburg Dierekliniek

Sheep: 2

Kwazulu-Natal

Kokstad, E.G.Veterinary Services

Sheep: 2

Mtubatuba, Mtubatuba Animal Clinic

Goat: 1

Underberg, Underberg Veterinary Surgery

Sheep: 2

Eastern Cape

Aliwal North, Uitspan C Troskie

Sheep: 2

Graaff-Reinet, Graaff Reinet Veterinary Clinic

Goat: 1

Uitenhage, Uitenhage Dierehospitaal

Sheep: 1

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Bought weaner lambs

Warts



PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
-----------------	------------	---------	---------	-------	------	----------	---------	---------	----------

				West	State	Natal	Cape	Cape	Cape
Average	1.0 (2)		1.0 (1)	2.0 (1)	1.5 (2)	2.2 (6)		2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (2)		1.0 (1)	2.0 (1)	1.5 (2)	2.2 (6)		2.0 (1)	

Mpumalanga									
Balfour, Balfour Diereklíníek									
Beef: 1									
Bethal, Bethal Diereklíníek									
Beef: 1									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
North West									
Brits, Brits Diereklíníek									
Beef: 2									
Free State									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Hoopstad, Hoopstad Diereklíníek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Pongola, Pongola Animal Clinic									
Beef: 2									
Vryheid, Dr GH Theron									
Beef: 3									
Western Cape									
Swellendam, Swellendam Dierehospitaal									
Beef: 2									

Poisonings (Plant) and Fungal

Cardiac glycoside poisoning ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								1.3 (3)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef								1.0 (1)	
Sheep								1.0 (1)	

Goat		2.0 (1)							
Western Cape									
Beaufort West, Beaufort West State Vet									
Beef: 1									
Suspect tulip poisoning									
Goat: 2									
Poisoning in Angora goats – after the rains there are apparently more tulip plants which goats ingest.									
Oudtshoorn, Oudtshoorn Dierekliniek									
Sheep: 1									
Cestrum (ink berry)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (3)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (3)				
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1									
Facial eczema									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					1.0 (1)				
Free State									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Lantana									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)				2.0 (2)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		2.0 (1)				2.0 (1)			
Dairy						2.0 (1)			

Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Drakensberger heifers grazing in infested camp - 9 out of 50 affected.									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Mooi River, Mooirivier Vet Clinic									
Dairy: 2									

Prussic acid poisoning									^
-------------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.5 (2)	1.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)					1.0 (1)			
Sheep					2.5 (2)				

Mpumalanga									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
Free State									
Harrismith, Harrismith Dierehospitaal									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Beef: 1									

Seneciosis									^
-------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)								

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Goat	1.0 (1)								
-------------	---------	--	--	--	--	--	--	--	--

Mpumalanga									
Piet Retief, Pets Vet Hospital									
Goat: 1									

Tulip Poisoning									^
------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.0 (1)	1.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)				2.0 (1)	1.0 (1)			
-------------	---------	--	--	--	---------	---------	--	--	--

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Kwazulu-Natal

Newcastle, Ncanduvet Newcastle

Beef: 1

Other

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			2.0 (1)		3.0 (2)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)			2.0 (1)		3.0 (1)			
Sheep						3.0 (1)			

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Beef: 2

Overeating of soya beans

North West

Brits, Brits Dierekliniek

Beef: 2

Lead Poisoning, manager negligence

Kwazulu-Natal

Vryheid, Dr GH Theron

Beef: 3

Soya bean poisoning

Sheep: 3

Soya bean poisoning

Poisonings

Snake Bite

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (2)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.5 (2)				
-------------	--	--	--	--	---------	--	--	--	--

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1
Winburg, Winburg Direkliniek
Beef: 2
Numerous puff adders in the area

Blue-green algae									^
-------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average					2.3 (3)				
----------------	--	--	--	--	---------	--	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					2.0 (1)				
Sheep					2.5 (2)				

Free State									
-------------------	--	--	--	--	--	--	--	--	--

Frankfort, Frankfort Direkliniek

Sheep: 3

Villiers, Wilgepoort Direkliniek Vennootskap

Beef: 2, Sheep: 2

Chemical products									^
--------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	1.0 (1)				3.0 (1)				
----------------	---------	--	--	--	---------	--	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)				3.0 (1)				
-------------	---------	--	--	--	---------	--	--	--	--

Mpumalanga									
-------------------	--	--	--	--	--	--	--	--	--

Grootvlei, Grootvlei Direkliniek

Beef: 1

Free State									
-------------------	--	--	--	--	--	--	--	--	--

Hertzogville, Hertzogville Direkliniek

Beef: 3

110 Friesland cattle died due to ionophor poisoning in March and April

Macro Nutritional Problems									
-----------------------------------	--	--	--	--	--	--	--	--	--

Energy deficiency									^
--------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	3.0 (1)	3.0 (1)			2.3 (3)	2.7 (3)		1.5 (2)	
----------------	---------	---------	--	--	---------	---------	--	---------	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					2.0 (1)	2.7 (3)		1.0 (1)	
Sheep		3.0 (1)			2.5 (2)			2.0 (1)	
Goat	3.0 (1)								

Mpumalanga
Bethal, Bethal Dierekliniek
Goat: 3
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 3
Free State
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Winburg, Winburg Dierekliniek
Beef: 2
Zastron, Zastron Dierekliniek
Sheep: 3
Incorrect feed cubes given to ewes
Kwazulu-Natal
Dundee, Endumeni Herd health
Beef: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Drought in communal grazing
Underberg, Underberg Veterinary Surgery
Beef: 3
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 2
Ketosis due to drought conditions
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Protein deficiency									^
---------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (2)	1.5 (4)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.5 (2)	1.5 (4)			
-------------	--	--	--	--	---------	---------	--	--	--

Free State
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2
Winburg, Winburg Dierekliniek
Beef: 1
Kwazulu-Natal
Camperdown, Camperdown Vet Clinic
Beef: 1
Kokstad, E.G.Veterinary Services
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Beef: 2

Phosphate deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	2.5 (2)				3.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				3.0 (1)	2.0 (1)				3.0 (1)
Sheep					3.0 (1)				

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Free State

Villiers, Wilgepoort Dierkliniek Vennootskap

Beef: 2

Zastron, Zastron Dierkliniek

Sheep: 3

Northern Cape

Kimberley, Kimberley Dierkliniek

Beef: 3

Calcium deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (3)	2.0 (2)			2.5 (2)	2.0 (1)	2.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (3)	2.0 (1)							
Dairy						2.0 (1)	2.0 (1)		
Sheep		2.0 (1)			2.5 (2)				

Mpumalanga

Balfour, Balfour Dierkliniek

Beef: 1

Bethal, Bethal Dierkliniek

Beef: 1

Volksrust, Volksrust Dierehospitaal

Beef: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2, Sheep: 2

Free State

Villiers, Wilgepoort Dierkliniek Vennootskap

Sheep: 2

Zastron, Zastron Dierkliniek

Sheep: 3

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Dairy: 2

Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Micro Nutritional Problems									
Copper deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						2.0 (1)			
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Zinc deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						1.0 (1)			
Dairy							2.0 (1)		
Kwazulu-Natal									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 1									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Selenium deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)	2.0 (3)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						2.0 (3)			
Sheep					1.0 (1)				
Free State									
Harrismith, Harrismith Dierehospitaal									
Sheep: 1									
Kwazulu-Natal									
Dundee, Endumeni Herd health									

Beef: 2
Dundee, Mpati Veterinary Clinic
Beef: 2
Mooi River, Mooirivier Vet Clinic
Beef: 2

Magnesium deficiency									^
-----------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average								1.0 (1)	
----------------	--	--	--	--	--	--	--	---------	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef								1.0 (1)	
-------------	--	--	--	--	--	--	--	---------	--

Western Cape									
Swellendam, Swellendam Dierehospitaal									
Beef: 1									

Vitamin A deficiency									^
-----------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	2.0 (1)			3.0 (1)	2.5 (2)				
----------------	---------	--	--	---------	---------	--	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)			3.0 (1)	3.0 (1)				
-------------	---------	--	--	---------	---------	--	--	--	--

Sheep					2.0 (1)				
--------------	--	--	--	--	---------	--	--	--	--

Mpumalanga									
Volksrust, Volksrust Dierehospitaal									
Beef: 2									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Winburg, Winburg Dierekliniek									
Sheep: 2									

Multi-factorial Disease Conditions									
---	--	--	--	--	--	--	--	--	--

Abortions									^
------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	1.0 (1)		2.0 (2)	2.3 (4)	2.1 (12)	2.2 (6)	1.7 (3)	1.3 (3)	
----------------	---------	--	---------	---------	----------	---------	---------	---------	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

reported								
Beef	1.0 (1)		2.0 (2)	2.0 (3)	2.0 (4)	2.0 (3)	2.0 (1)	1.0 (1)
Dairy					2.0 (2)	2.5 (2)	1.0 (1)	2.0 (1)
Sheep					2.2 (5)	2.0 (1)	2.0 (1)	
Goat			3.0 (1)	2.0 (1)				1.0 (1)
Mpumalanga								
Grootvlei, Grootvlei Dierekliniek								
Beef: 1								
Limpopo								
Mokopane, Dr Henk Visser								
Beef: 1								
Polokwane, Pietersburg Veterinary Clinic								
Beef: 3								
North West								
Christiana, Christiana Dierehospitaal								
Beef: 3, Goat: 3								
Schweizer-Reneke, NJ Heyns								
Beef: 2								
Ventersdorp, Buffelsvlei Dierekliniek								
Beef: 1								
Free State								
Bothaville, Cape Cross Bothaville Veterinary Hospital								
Beef: 1								
Clocolan, Clocolan Dierekliniek								
Dairy: 2								
Harrismith, Harrismith Dierehospitaal								
Beef: 2								
Hoopstad, Hoopstad Dierekliniek								
Beef: 3, Dairy: 2, Sheep: 3								
Kroonstad, Kroonstad Dierehospitaal								
Sheep: 2								
Parys, Parys Dierehospitaal								
Goat: 2								
Villiers, Wilgepoort Dierekliniek Vennootskap								
Beef: 2, Sheep: 2								
Wesselsbron, Wesselsbron Dierekliniek								
Sheep: 1								
Winburg, Winburg Dierekliniek								
Sheep: 3								
Kwazulu-Natal								
Bergville, Bergville Veterinary Clinic								
Beef: 2								
Bergville, Tugela Vet Clinic								
Sheep: 2								
Howick, Howick Veterinary Clinic								
Dairy: 3								
Mooi River, Mooirivier Vet Clinic								
Dairy: 2								
Pietermaritzburg, Richmond Veterinay Clinic								
Beef: 2								
<i>Neospora</i> outbreak in a herd								
Underberg, Underberg Veterinary Surgery								
Beef: 2								

Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Oudtshoorn, Oudtshoorn Dierekliniek									
Goat: 1									
<i>Corynebacterium</i>									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									

Stillbirths [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (6)	2.5 (2)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.7 (3)	2.0 (1)			
Dairy						3.0 (1)			
Sheep					2.3 (3)				

Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2, Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									

Abscesses [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)	1.7 (3)		2.2 (5)	2.0 (10)	1.5 (4)	1.0 (1)	1.0 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (2)			2.0 (3)	2.0 (4)	1.7 (3)			
-------------	---------	--	--	---------	---------	---------	--	--	--

Dairy			2.0 (2)	1.0 (1)	1.0 (1)
Sheep	1.5 (2)	2.5 (2)	2.0 (4)	1.0 (1)	1.0 (1)
Goat	2.0 (1)				

Mpumalanga					
Grootvlei, Grootvlei Dierekliniek					
Beef: 1					
Nelspruit, Nelspruit Animal Hospital					
Beef: 2					
Gauteng					
Nigel, Welgelegen Dierekliniek					
Goat: 2					
<i>Corynebacterium pseudotuberculosis abscesses</i>					
Pretoria, Anima Veterinary Consulting Rooms					
Sheep: 2					
<i>Corynebacterium</i>					
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic					
Sheep: 1					
North West					
Brits, Brits Dierekliniek					
Beef: 2, Sheep: 2					
Christiana, Christiana Dierehospitaal					
Beef: 3, Sheep: 3					
Ventersdorp, Buffelsvlei Dierekliniek					
Beef: 1					
Free State					
Dewetsdorp, Platkop Dierekliniek					
Beef: 1, Sheep: 2					
Hertzogville, Hertzogville Dierekliniek					
Dairy: 2					
Hoopstad, Hoopstad Dierekliniek					
Beef: 3, Dairy: 2, Sheep: 3					
Ladybrand, Ladybrand / Excelsior Dierekliniek					
Beef: 2, Sheep: 2					
Wesselsbron, Wesselsbron Dierekliniek					
Sheep: 1					
Winburg, Winburg Dierekliniek					
Beef: 2					
Kwazulu-Natal					
Bergville, Tugela Vet Clinic					
Beef: 1, Sheep: 1					
Dundee, Endumeni Herd health					
Beef: 2					
Pongola, Pongola Animal Clinic					
Beef: 2					
Eastern Cape					
Jeffreys Bay, Cape Cross Veterinary Hospital					
Dairy: 1					
Western Cape					
Stellenbosch, Provincial Veterinary Laboratory					
Sheep: 1					
Stellenbosch area: <i>Staphylococcus aureus</i> was isolated from a swab of an epidural abscess in a carcass of a 4-week old lamb that suffered from posterior paralysis.					
Stellenbosch, Stellenbosch Animal Hospital					
Dairy: 1					

Abscesses in general ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average			1.0 (1)		1.8 (6)	1.5 (2)			
----------------	--	--	---------	--	---------	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef			1.0 (1)		1.7 (3)	1.0 (1)			
Dairy					1.5 (2)	2.0 (1)			
Sheep					3.0 (1)				

Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Dairy: 2, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 1, Dairy: 1									
Parys, Parys Dierehospitaal									
Beef: 1									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Dairy: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									

Bladder stones ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average				1.0 (1)	1.0 (1)				
----------------	--	--	--	---------	---------	--	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep				1.0 (1)	1.0 (1)				
--------------	--	--	--	---------	---------	--	--	--	--

North West									
Brits, Brits Dierekliniek									
Sheep: 1									
Free State									
Reitz, Riemland Dierekliniek									
Sheep: 1									

Blindness ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average					2.3 (3)			2.0 (1)	
----------------	--	--	--	--	---------	--	--	---------	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

reported										
Beef										2.0 (2)
Dairy										2.0 (1)
Sheep										3.0 (1)

Free State									
Hoopstad, Hoopstad Dierekliniëk									
Beef: 3, Sheep: 3									
Sasolburg, Sasolburg veearts									
Beef: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniëk									
Dairy: 2									

Bloat										^
--------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (2)		2.0 (2)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					3.0 (1)				
Dairy							1.0 (1)		
Sheep					3.0 (1)		3.0 (1)		

Free State									
Hoopstad, Hoopstad Dierekliniëk									
Beef: 3, Sheep: 3									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 1, Sheep: 3									

Blue udder										^
-------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.6 (5)		1.0 (1)	2.0 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Dairy							1.0 (1)		
Sheep					1.6 (5)			2.0 (2)	

Free State									
Dewetsdorp, Platkop Dierekliniëk									
Sheep: 1									
Kroonstad, Kroonstad Dierehospitaal									
Sheep: 2									
Ladybrand, Ladybrand / Excelsior Dierekliniëk									
Sheep: 1									
Reitz, Riemland Dierekliniëk									
Sheep: 2									

Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 1
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 2
Stellenbosch, Provincial Veterinary Laboratory
Sheep: 2
Cape Town area: <i>Mannheimia haemolytica</i> was isolated from samples from the udders of two carcasses of ewes that died acutely. The carcasses showed signs of septicaemia.

Diarrhoea										^
------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.6 (5)		1.0 (2)	2.3 (3)	2.2 (10)	2.3 (7)	2.0 (1)	2.0 (3)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.6 (5)			2.5 (2)	1.7 (3)	2.0 (2)		2.0 (1)	
Dairy					2.0 (1)	2.7 (3)		2.0 (1)	
Sheep			1.0 (1)	2.0 (1)	2.5 (6)		2.0 (1)	2.0 (1)	
Goat			1.0 (1)			2.0 (2)			

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Bethal, Bethal Dierekliniek
Beef: 1
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Standerton, Econovet
Beef: 3
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Sheep: 1, Goat: 1
North West
Brits, Brits Dierekliniek
Sheep: 2
Christiana, Christiana Dierehospitaal
Beef: 2
Schweizer-Reneke, NJ Heyns
Beef: 3
Calves
Free State
Harrismith, Harrismith Dierehospitaal
Beef: 2, Sheep: 2
Hertzogville, Hertzogville Dierekliniek
Dairy: 2

Dairy calves
Kroonstad, Kroonstad Dierehospitaal
Sheep: 3
Parys, Parys Dierehospitaal
Sheep: 3
Reitz, Riemland Dierekliniek
Beef: 1, Sheep: 2
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 2
Winburg, Winburg Dierekliniek
Sheep: 3
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 2, Goat: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Mooi River, Mooirivier Vet Clinic
Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Dairy: 3
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 2, Sheep: 2
Malmesbury, Dr Otto Kriek
Dairy: 2

Epididymitis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average					1.0 (1)				
----------------	--	--	--	--	---------	--	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep					1.0 (1)				
--------------	--	--	--	--	---------	--	--	--	--

Free State
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1

Eye Cancer ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	1.0 (1)	1.0 (1)			1.3 (3)	1.6 (5)	2.0 (1)		
----------------	---------	---------	--	--	---------	---------	---------	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)			1.5 (2)
Dairy			1.3 (3)	2.0 (2) 2.0 (1)
Sheep		1.0 (1)		1.0 (1)

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

Free State

Clocolan, Clocolan Dierekliniek

Dairy: 1

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Dairy: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Howick, Howick Veterinary Clinic

Dairy: 3

Kokstad, E.G. Veterinary Services

Dairy: 1, Sheep: 1

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Eye infections



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (11)	1.3 (3)		2.6 (7)	2.1 (18)	2.1 (10)	2.0 (2)	2.0 (2)	3.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.7 (6)	1.5 (2)		3.0 (3)	2.0 (11)	1.6 (5)			3.0 (1)
Dairy						3.0 (2)		2.0 (1)	
Sheep	1.7 (3)			2.3 (4)	2.3 (7)	2.5 (2)	2.0 (2)	2.0 (1)	
Goat	1.0 (2)	1.0 (1)				2.0 (1)			

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Bethal, Bethal Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Middelburg , Middelburg Dierehospitaal
Beef: 2
Standerton, Econovet
Beef: 3
Serious problem -awaiting results from lab.
Sheep: 3
Serious problem -awaiting results from lab.
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Beef: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 1, Goat: 1
North West
Brits, Brits Dierekliniek
Sheep: 1
Christiana, Christiana Dierehospitaal
Beef: 3, Sheep: 3
Magaliesburg, Magaliesburg; Dr Ryan Jeffrey
Sheep: 2
Schweizer-Reneke, NJ Heyns
Beef: 3
Stella, Stella Dierekliniek
Beef: 3, Sheep: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 3
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Dewetsdorp, Platkop Dierekliniek
Beef: 2, Sheep: 2
Frankfort, Frankfort Dierekliniek
Beef: 3, Sheep: 3
Harrismith, Harrismith Dierehospitaal
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2, Sheep: 3
Sasolburg, Sasolburg veearts
Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1, Sheep: 1
Winburg, Winburg Dierekliniek
Beef: 2, Sheep: 2
Zastron, Zastron Dierekliniek
Beef: 2, Sheep: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 1
Camperdown, Camperdown Vet Clinic

Beef: 1									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Pongola, Pongola Animal Clinic									
Beef: 2, Sheep: 2									
Underberg, Underberg Veterinary Surgery									
Dairy: 3, Sheep: 3									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Serious problem on many farms									
Western Cape									
Darling, Darling Dierekliniek									
Sheep: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 3									
Joint III									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)	1.0 (1)	1.0 (1)	1.0 (1)	2.0 (1)	1.7 (3)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (2)	1.0 (1)	1.0 (1)	1.0 (1)	2.0 (1)	1.0 (1)			
Dairy						3.0 (1)			
Sheep						1.0 (1)			
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 1									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
Septic arthritis									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
North West									
Brits, Brits Dierekliniek									
Beef: 1									
Free State									
Winburg, Winburg Dierekliniek									
Beef: 2									

Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 1
Howick, Howick Veterinary Clinic
Dairy: 3
Newcastle, Ncanduvet Newcastle
Beef: 1

Lameness/Foot Problems	^
-------------------------------	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (6)	2.0 (4)		1.7 (3)	1.7 (10)	2.3 (6)	1.8 (6)	1.2 (5)	1.0 (2)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (4)	2.5 (2)		3.0 (1)	1.6 (7)	2.0 (3)	2.0 (1)	1.0 (1)	1.0 (2)
Dairy					2.0 (1)	3.0 (2)	1.0 (1)	1.3 (3)	
Sheep	1.0 (2)	2.0 (1)		1.0 (1)	2.0 (2)		2.5 (2)	1.0 (1)	
Goat		1.0 (1)		1.0 (1)		2.0 (1)	1.5 (2)		

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1, Sheep: 1
Bethal, Bethal Dierekliniek
Beef: 1, Sheep: 1
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Nelspruit, Nelspruit Animal Hospital
Beef: 2
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Beef: 2, Sheep: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Beef: 3, Goat: 1
North West
Brits, Brits Dierekliniek
Sheep: 1, Goat: 1
Christiana, Christiana Dierehospitaal
Beef: 3
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Dewetsdorp, Platkop Dierekliniek
Beef: 1
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Sheep: 2

Sasolburg, Sasolburg veearts
Beef: 1
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Camperdown, Camperdown Vet Clinic
Beef: 1
Laminitis
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Goat: 2
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 3
Pongola, Pongola Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Dairy: 3
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 2
Foot abscesses - many of these cases tick associated
Goat: 2
Foot abscesses - many of these cases tick associated
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 1
Stutterheim, Stutterheim Veterinary Clinic
Sheep: 3
Foot rot outbreak on one farm
Uitenhage, Uitenhage Dierehospitaal
Beef: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 1, Sheep: 1
Darling, Darling Dierekliniek
Dairy: 1
Sole ulcers
Malmesbury, Dr Otto Kriek
Dairy: 2
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1
Northern Cape
Kathu, Kathu Dierekliniek
Beef: 1
Kimberley, Kimberley Dierekliniek
Beef: 1
Lung infection



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.3 (3)		3.0 (2)	2.1 (10)	2.0 (9)	1.5 (2)	2.0 (2)	2.0 (2)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.7 (3)	2.0 (1)		3.0 (2)	2.3 (7)	2.0 (4)			1.0 (1)
Dairy					2.0 (1)	2.0 (2)	2.0 (1)	3.0 (1)	
Sheep		1.0 (2)			1.5 (2)	2.0 (1)	1.0 (1)	1.0 (1)	3.0 (1)
Goat						2.0 (2)			

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Lydenburg, Lydenburg Diersprekkamer

Beef: 1

Middelburg, Middelburg Dierehospitaal

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Sheep: 1

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Schweizer-Reneke, NJ Heyns

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Upper respiratory tract infections and pneumonia in young and older animals.

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2

Dewetsdorp, Platkop Dierekliniek

Sheep: 1

Frankfort, Frankfort Dierekliniek

Beef: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 2

Parys, Parys Dierehospitaal

Sheep: 2

Reitz, Riemland Dierekliniek

Beef: 2

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Deaths due to pasteurellosis reported by farmers in 6 to 7 month old calves on the veld

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Dundee, Mpati Veterinary Clinic									
Beef: 3									
Numerous cases of weaner pneumonia caused by <i>Mannheimia haemolytica</i> . Calves were either not vaccinated or one of the two main vaccines were used without the other (IBR/Mannheimia)									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mooi River, Moirivier Vet Clinic									
Beef: 1, Dairy: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 1									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Calves									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 1									
Malmesbury, Dr Otto Kriek									
Dairy: 3									
Lung problems are escalating now due to the huge temperature variation between night and day as is typically seen towards the end of April.									
Northern Cape									
De Aar, De Aar Veterinary Clinic									
Sheep: 3									
Toxaemia									
Kimberley, Kimberley Dierekliniëk									
Beef: 1									
Mastitis in general									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)	1.0 (1)			1.7 (6)	2.0 (5)	2.0 (3)	2.0 (7)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.6 (5)	2.0 (2)	1.0 (1)	2.0 (1)	
Dairy	1.0 (2)				2.0 (1)	2.5 (2)	2.5 (2)	2.0 (5)	
Sheep						1.0 (1)		2.0 (1)	
Goat		1.0 (1)							
Mpumalanga									
Balfour, Balfour Dierekliniëk									
Dairy: 1									
Bethal, Bethal Dierekliniëk									
Dairy: 1									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Goat: 1									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									

Ficksburg, Ficksburg Dierekliniek
Beef: 1
Frankfort, Frankfort Dierekliniek
Beef: 2
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Parys, Parys Dierehospitaal
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Sheep: 1
Dundee, Endumeni Herd health
Beef: 2
Mooi River, Mooirivier Vet Clinic
Dairy: 2
Pongola, Pongola Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Dairy: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 1
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Kareedouw, Tenax Vet Clinic
Dairy: 3
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 2
Darling, Darling Dierekliniek
Sheep: 2
Coli-mastitis
George, George Animal Hospital
Dairy: 3
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1
Malmesbury, Dr Otto Kriek
Dairy: 2
Stellenbosch, Provincial Veterinary Laboratory
Dairy: 1
Stellenbosch area: <i>Klebsiella pneumoniae</i> was isolated from a milk sample from a dairy cow. These bacteria are present in the environment of the cow and a sporadic cause of mastitis.
Swellendam, Swellendam Dierehospitaal
Dairy: 3

Navel III									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (4)	1.0 (3)			3.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.7 (3)	1.0 (2)	
Dairy		3.0 (1)		
Sheep			1.0 (1)	3.0 (1)

Free State

Hertzogville, Hertzogville Dierekliek

Dairy: 3

Ladybrand, Ladybrand / Excelsior Dierekliek

Beef: 1

Sasolburg, Sasolburg veearts

Beef: 2

Winburg, Winburg Dierekliek

Beef: 2

Kwazulu-Natal

Bergville, Tugela Vet Clinic

Sheep: 1

Newcastle, Ncanduvet Newcastle

Beef: 1

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 1

Northern Cape

Upington, Upington Veterinary Clinic

Sheep: 3

Navel ill leading to micro-abscesses in the liver. Due to drought conditions ewes and lambs concentrated around feed resulting in a kraal situation, 18 lambs died.

Trauma



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)							

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)								
Goat		1.0 (1)							

Mpumalanga

Grootvlei, Grootvlei Dierekliek

Beef: 1

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Goat: 1

Fractures

Downer



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.0 (1)	2.3 (3)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	1.0 (1)	2.5 (2)
Dairy			2.0 (1)

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 2

Other

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		3.0 (1)							

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	3.0 (1)
-------------	---------

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 3

Immune compromised calves

Metabolic Diseases

Acidosis

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.0 (1)		2.7 (3)	2.7 (3)			1.0 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				2.5 (2)	2.5 (2)				
Dairy								1.0 (2)	
Sheep		1.0 (1)		3.0 (1)	3.0 (1)				
Goat	2.0 (1)								

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Sheep	3.0 (1)	2.5 (2)
Gauteng		
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic		
Sheep: 3		
Free State		
Hoopstad, Hoopstad Dierekliniek		
Sheep: 3		
Villiers, Wilgepoort Dierekliniek Vennootskap		
Sheep: 2		
Western Cape		
Stellenbosch, Stellenbosch Animal Hospital		
Dairy: 1		

Milk Fever ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			2.0 (2)	2.5 (2)	2.0 (1)	3.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Dairy		1.0 (1)			2.0 (2)	2.5 (2)	2.0 (1)	3.0 (1)	
--------------	--	----------------	--	--	----------------	----------------	----------------	----------------	--

Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Dairy: 1									
Free State									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 2									
Reitz, Riemland Dierekliniek									
Dairy: 2									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mooi River, Mooirivier Vet Clinic									
Dairy: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									
George, George Animal Hospital									
Dairy: 3									

Reproductive diseases

Dystocia (Difficult Births) ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.4 (5)	1.7 (3)		1.8 (6)	1.9 (21)	2.1 (12)	1.8 (6)	2.3 (3)	1.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases

reported									
Beef	1.5 (4)	2.0 (2)		2.3 (4)	1.9 (12)	1.8 (6)	2.0 (4)	3.0 (1)	1.0 (1)
Dairy					1.0 (2)	2.7 (3)	1.5 (2)	2.0 (2)	
Sheep	1.0 (1)	1.0 (1)		1.0 (1)	2.0 (7)	2.0 (3)			
Goat				1.0 (1)					

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Piet Retief, Pets Vet Hospital									
Sheep: 1									
Volksrust, Volksrust Dierehospitaal									
Beef: 2									
Gauteng									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 1									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 3, Sheep: 1									
North West									
Brits, Brits Dierekliniek									
Beef: 1, Sheep: 1, Goat: 1									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Schweizer-Reneke, NJ Heyns									
Beef: 3									
Heifers									
Stella, Stella Dierekliniek									
Beef: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Ficksburg, Ficksburg Dierekliniek									
Beef: 2									
Frankfort, Frankfort Dierekliniek									
Beef: 2, Sheep: 2									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2, Sheep: 3									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 2									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 2, Dairy: 1, Sheep: 1									
Reitz, Riemland Dierekliniek									
Beef: 2, Dairy: 1, Sheep: 2									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 2									

Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1, Sheep: 2									
Winburg, Winburg Dierekliniek									
Beef: 2, Sheep: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Sheep: 2									
Dundee, Endumeni Herd health									
Beef: 1									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mooi River, Mooirivier Vet Clinic									
Beef: 1, Dairy: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 3, Sheep: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Dairy: 3, Sheep: 3									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Aliwal North, Uitspan C Troskie									
Beef: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 1									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Kareedouw, Tenax Vet Clinic									
Dairy: 1									
caeser									
Uitenhage, Uitenhage Dierehospitaal									
Beef: 3									
Western Cape									
George, George Animal Hospital									
Beef: 3									
Usually not so prevalent									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Swellendam, Swellendam Dierehospitaal									
Dairy: 2									
Northern Cape									
Kathu, Kathu Dierekliniek									
Beef: 1									
Endometritis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	2.0 (1)	3.0 (1)	3.0 (1)
----------------	---------	---------	---------

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)	3.0 (1)
Dairy		3.0 (1)

Mpumalanga									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 3									

Metritis									^
-----------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)			2.0 (1)	2.0 (2)	2.8 (4)	2.0 (1)	2.0 (4)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				2.0 (1)	2.0 (2)	2.0 (1)			
Dairy	1.0 (2)					3.0 (3)	2.0 (1)	2.0 (4)	

Mpumalanga									
Balfour, Balfour Dierekliniek									
Dairy: 1									
Bethal, Bethal Dierekliniek									
Dairy: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 2									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Winburg, Winburg Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Camperdown, Camperdown Vet Clinic									
Dairy: 3									
Dundee, Endumeni Herd health									
Beef: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Underberg, Underberg Veterinary Surgery									
Dairy: 3									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Western Cape									

Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Dr Otto Kriek
Dairy: 1
Malmesbury, Invitrotech
Dairy: 2
The presence of metritis changes with environmental temperature
Swellendam, Swellendam Dierehospitaal
Dairy: 3

Poor conception									^
------------------------	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)			1.0 (1)	2.1 (9)	2.5 (8)	2.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (2)			1.0 (1)	2.1 (9)	2.3 (6)	2.0 (1)		
Dairy						3.0 (2)			

Mpumalanga

Grootvlei, Grootvlei Dierekliniek
Beef: 1

Nelspruit, Nelspruit Animal Hospital
Beef: 1

North West

Brits, Brits Dierekliniek
Beef: 1

Free State

Bethlehem, Bethlehem Animal Hospital
Beef: 3

Average conception figure is about 85% due to drought conditions. Rainfall came late with the result that during fall diseases usually seen in spring occur now.

Dewetsdorp, Platkop Dierekliniek
Beef: 2

Frankfort, Frankfort Dierekliniek
Beef: 2

Harrismith, Harrismith Dierehospitaal
Beef: 3

Poor body condition
Hoopstad, Hoopstad Dierekliniek
Beef: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1

Wesselsbron, Wesselsbron Dierekliniek
Beef: 1

Winburg, Winburg Dierekliniek
Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic
Beef: 2

Beef: 2

Dundee, Endumeni Herd health
Beef: 3
Howick, Howick Veterinary Clinic
Dairy: 3
Kokstad, E.G.Veterinary Services
Beef: 2
Mooi River, Mooirivier Vet Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Late spring rains
Pongola, Pongola Animal Clinic
Beef: 2
Underberg, Underberg Veterinary Surgery
Dairy: 3
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 2

Retained afterbirth									
----------------------------	--	--	--	--	--	--	--	--	--

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
----------	------------	---------	---------	------------	------------	---------------	--------------	--------------	---------------

Average	1.0 (3)				2.0 (3)	2.3 (4)			
----------------	---------	--	--	--	---------	---------	--	--	--

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)				2.5 (2)	2.0 (3)			
Dairy	1.0 (2)					3.0 (1)			
Sheep					1.0 (1)				

Mpumalanga
Balfour, Balfour Dierekliniek
Dairy: 1
Bethal, Bethal Dierekliniek
Dairy: 1
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Free State
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2

Sheath Prolaps ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.0 (1)	2.0 (2)	1.0 (1)			3.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)			1.0 (1)	2.0 (2)	1.0 (1)			3.0 (1)
-------------	---------	--	--	---------	---------	---------	--	--	---------

Mpumalanga									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
North West									
Brits, Brits Dierekliniek									
Beef: 1									
Free State									
Hertzogville, Hertzogville Dierekliniek									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 3									
Prolaps penis and preputial trauma									

Uterus prolaps ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)			1.3 (3)	2.2 (6)	1.7 (3)	1.3 (3)	1.7 (3)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)			1.5 (2)	2.5 (2)	1.0 (1)		1.0 (1)	
Dairy	1.0 (1)					2.0 (2)	1.3 (3)	1.0 (1)	
Sheep	2.0 (1)			1.0 (1)	2.0 (4)			3.0 (1)	

Mpumalanga									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2, Dairy: 1									
Volksrust, Volksrust Dierehospitaal									
Beef: 2, Sheep: 2									
North West									
Bloemhof, Bloemhof Dierekliniek									
Sheep: 1									
One ewe									
Brits, Brits Dierekliniek									
Beef: 1									
Schweizer-Reneke, NJ Heyns									

Beef: 2									
Free State									
Dewetsdorp, Platkop Dierekliniek									
Sheep: 2									
Frankfort, Frankfort Dierekliniek									
Beef: 3, Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2, Sheep: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 1									
Howick, Howick Veterinary Clinic									
Dairy: 2									
Mooi River, Mooirivier Vet Clinic									
Dairy: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 1									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Kareedouw, Tenax Vet Clinic									
Dairy: 1									
Western Cape									
Darling, Darling Dierekliniek									
Sheep: 3									
Dry period and less food									
Heidelberg (WC), Heidelberg Dierekliniek									
Beef: 1									
Stellenbosch, Stellenbosch Animal Hospital									
Dairy: 1									
Vaginal (Cervical) prolaps									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)			1.5 (2)	2.2 (9)	2.0 (4)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)			1.5 (2)	2.0 (5)	2.0 (3)			
Dairy	2.0 (1)				2.0 (1)	2.0 (1)			
Sheep	3.0 (1)				2.7 (3)				
Mpumalanga									
Bethal, Bethal Dierekliniek									
Sheep: 3									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2, Dairy: 2									
North West									
Brits, Brits Dierekliniek									
Beef: 1									
Schweizer-Reneke, NJ Heyns									

Beef: 2
Free State
Dewetsdorp, Platkop Dierekliniek
Beef: 1
Frankfort, Frankfort Dierekliniek
Beef: 3, Sheep: 3
Hertzogville, Hertzogville Dierekliniek
Dairy: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Howick, Howick Veterinary Clinic
Beef: 2, Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2

Climatical Cause

Lightning ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)		1.0 (1)	1.0 (1)	1.3 (3)	1.0 (1)	1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (2)		1.0 (1)	1.0 (1)	1.3 (3)	1.0 (1)	1.0 (1)		
-------------	---------	--	---------	---------	---------	---------	---------	--	--

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Bethal, Bethal Dierekliniek
Beef: 1
Limpopo
Mokopane, Dr Henk Visser
Beef: 1
North West
Christiana, Christiana Dierehospitaal
Beef: 1
Free State
Frankfort, Frankfort Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 1
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic

Beef: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 1									
Frozen to death									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (1)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep					2.0 (1)				
Free State									
Frankfort, Frankfort Direkliniek									
Sheep: 2									
Non specific diseases									
Cause of death not established									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)				
Free State									
Sasolburg, Sasolburg veearts									
Beef: 1									
Preditors									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			2.7 (3)	3.0 (2)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)				3.0 (1)			
Dairy						3.0 (1)			
Sheep					2.5 (2)				
Goat					3.0 (1)				
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
Dog bite wounds									
Free State									

Frankfort, Frankfort Direkliniek
Sheep: 3
Hoopstad, Hoopstad Direkliniek
Goat: 3
Villiers, Wilgepoort Direkliniek Vennootskap
Sheep: 2
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Dairy: 3
Underberg, Waterford Farm, Underberg
Beef: 3
Jackals are causing havoc. Cow killed next to the dairy, 2 perineums eaten out.

Sabotation - Theft										^
---------------------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.7 (3)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep					2.7 (3)				
--------------	--	--	--	--	---------	--	--	--	--

Free State
Frankfort, Frankfort Direkliniek
Sheep: 3
Hoopstad, Hoopstad Direkliniek
Sheep: 3
Villiers, Wilgepoort Direkliniek Vennootskap
Sheep: 2

Trauma										^
---------------	--	--	--	--	--	--	--	--	--	-------------------

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)	3.0 (1)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				1.0 (1)					
Goat					3.0 (1)				

North West
Christiana, Christiana Dierehospitaal
Beef: 1
Free State
Hoopstad, Hoopstad Direkliniek
Goat: 3

The following practices reported that they had nothing to report.

Dr. Roselle Hartwigsen - Swartruggens

Other Species

Horses

Limpopo

Vaalwater – Dr. Hampie van Staden

African Horse Sickness (2)

North West

Lephalale – Dr. Brigitte Luck

African Horse Sickness (1)

KwaZulu-Natal

Pongola – Dr. Heinz Kohrs

African Horse Sickness (1)

Western Cape

Wellington –Dr. William van Zyl

Theileria equi (3)

Northern Cape

Kimberley – Drs. Van Heerden, Swart and Smit

Rhodococcus (1)

Lawsonia (1)

Ophthalmia (2)

Colic (2)

Retained afterbirth (1)

Game

Gauteng – Dr. Liza du Plessis (Idexx)

Intestinal roundworms (2)

Heartwater ticks (2)

Brown ear ticks (2)

Bont legged-ticks (2)

Red legged-ticks (2)

Theileriosis (2)

Energy deficiency (2)

Pneumonia (2)

Abscess (1)

Limpopo

Polokwane (Pietersburg) – Drs. Watson, Viljoen, Jansen Van Vuuren, Van Rooyen, Snyman and Cremona

Intestinal roundworms (3)

Blue ticks (2)

North West

Bloemhof – Dr. Cizelle Naudé

Acute septicaemia (3 buffalo died due to *Pasteurella* strain. Rest of herd danted and blocked with an antibiotic and vaccinated with a *Pasteurella* vaccine)

Magaliesburg - dr. Ryan Jeffery

Brown ear-ticks (2)

Blowflies (1)

Heartwater (1)

Lameness (3) Ophthalmia (2)

Capture myopathy (1)

Trauma (1)

Free State

Parys – drs. Wessels and Wessels

Capture myopathy (2 - blesbuck and impala)

Anthrax (2 – Intensive game farming on Bushveld Savanah, veld previously utilized for extensive cattle farming. The only possible soil disturbance was when the game fence was erected two years ago. Vaccination of herd suggested)

KwaZulu-Natal

Pongola – Dr. Heinz Kohrs

Theileriosis (2)

Underberg – dr. Pete Dommett

Rabid dog infecte by jackal in Howick – human contact

Eastern Cape

Port Alfred – Dr. Roy Bengis

Hartwater ticks (Buffalo 3)

Brown ear-ticks (Buffalo 3)

Lightning (Buffalo 2)

Northern Cape

Kimberley – Drs. Van Heerden, Swart and Smit

Dystocia (Roan 1)

Retained afterbirth (Sable 1)

Horn fracture (Roan 1)

Trauma fracture femur (Golden Oryx 1)

Swine

Gauteng

Onderstepoort – Dr. Liza du Plessis (Idexx)

E. coli (2)

Nigel – Dr. Cindy van der Westhuizen

Peumonia and septicaemia (2 month old pigs)

Onderstepoort Production Clinic

Abscess (1)

Feedlot report received from Dr. Shaun Morris and Dr. Eben du Preez (edupreez1@telkomsa.net)

Sheep feedlots

Disease problems were less than usual probably due to good weather conditions.

Internal parasite infestations were rife especially wireworm.

Cattle feedlots

Pneumonia in calves with lower mass topped the list of increased morbidity and mortalities that occurred. Newly weaned calves and calves bought at auctions are at a higher risk. Calves that are backgrounded or preconditioned always do better in feedlots.

A few cases of conical fluke infestations were seen.

Liver fluke infestations are often seen at the abattoir in c-grade cattle.

Heavy blue tick infestations in cattle were seen in some cases. Anaplasmosis, redwater and hartwater were diagnosed.

Ionophor toxicity also occurred.

Monthly Feedlot report for April 2015 from Dr. Andy Hentzen (andyvet@mweb.co.za)

Condition or disease	Specie
Blue ticks	B 3
Brown ear-tick	B 3
Red-legged tick	B 3
Biting lice	B 3
Sucking lice	B 3
Nuisance flies	B,O,C 3
Blowflies	C 2
Midges (at feedlot)	B 3

African red water	B 3
Asiatic red water	B 1
Anaplasmosis	B 3
Blackleg	B 2
Red gut	B 3
Pulpy kidney	C 2
Ringworm	B 3
Warts	B 2
Dystocia	B 1
Metritis	B 1
Lameness	B 3
Lungs	B 3
Diarrhoea	B 3
Eyes	B 3
Abscesses	B,C 2

Monthly report on Livestock and Wildlife isolations for April 2015 from IDEXX Laboratories supplied by dr. Marijke Henton (maryke@idexsa.net)

Despite the many public holidays, April was a busy month at Idexx.

Trueperella (*Arcanobacterium*, *Actinomyces*, *Corynebacterium*) *pyogenes* was by far the most common isolate, especially now that wildlife has been added to these reports. The increase of *T. pyogenes* cases over the years is of great concern, especially as there is no effective vaccine generally available. Cases are generally only submitted once the infection has become entrenched on a farm. Many cases are insidious, and all that may be observed is that the animal is a poor doer.

In livestock, *T. pyogenes* was isolated from a teat abscess in a beef heifer, and from the rest of the cases together with the anaerobe, *Porphyromonas*. The cases were a single sample from the lungs of a sheep, two abscesses from sheep, and two cattle abscesses.

Wildlife yielded *T. pyogenes* from the uterus of a roan, together with *Bibersteinia* (was *Pasteurella haemolytica* T) *trehalosi* from an impala lung, together with *Streptococcus dysgalactiae* (*equisimilis*) from an infected sable calf joint. A tsessbe and a sable abscess yielded *T. pyogenes*, together with *Porphyromonas*.

E. coli caused septicaemia in two calves, and enteritis in three calves. An ostrich also had septicaemia due to *E. coli*. *E. coli* played a role as an opportunist causing a lung abscess in a sheep, and as a secondary invader in semen.

E. coli together with *Porphyromonas* was isolated from two different sable calves. This combination of an aerobe with an anaerobe can sometimes be associated with necrotic enteritis. An ESBL positive strain of *E. coli* was isolated from the lung of a sable calf. Extended Spectrum Beta Lactamase (ESBL) producing bacteria are one of the types of bacterial resistance that has become very common in recent years. This type of resistance is especially concerning because it is not recognized by many laboratories, and if not identified, leads to the issuing of false sensitivity in an antibiogram, instead of correctly reporting the isolate as resistant.

Enteritis was caused by *Klebsiella pneumoniae* in a sheep, and *Clostridium perfringens* in two cattle.

There were two cases of pneumonia in pigs due to *Actinobacillus pleuropneumoniae*. *Pasteurella multocida* caused pneumonia in cattle on 5 farms. Other causes of mostly bovine pneumonia were *Mannheimia haemolytica* (3 cattle farms and two sheep), *Mycoplasma* (4 farms), *Histophilus somni* (one farm), *Mannheimia* biovar 9 (one farm) and *Mannheimia* biovar 8C (two farms).

Suspected chlamydial placentitis was identified from a sheep after abortion.

Goats vaccinated for anthrax with a vaccine not registered for use in goats, and also an injectable dewormer at the same time, died from the massive oedema produced by this combination. The anthrax vaccine strain protects well, but is not completely innocuous. It can be virulent in some animal species, and is relatively virulent for goats. Man also may react violently to accidental injection, and medical help should always be sought if such an accident occurs.

One cheetah died from pneumonia due to *Rhodococcus equi*, and another cheetah, showing a severe nasal discharge, yielded a combined infection of *Streptococcus zooepidemicus*, *Pseudomonas aeruginosa*, *E. coli* and *Porphyromonas*.

Monthly report for April 2015 from IDEXX laboratories (Onderstepoort) supplied by dr. Liza du Plessis

Condition	Species and numbers affected
Intestinal roundworms	O,G 2
Liver fluke	B 2
Conical fluke	B 1
Heartwater tick	G 2
Brown ear-tick	G 2
Bontlegged tick	G 2
Red-legged tick	G 2
Mixed tick infestation	G 2
Anaplasmosis	B 1
Theileriosis	G 3
<i>E.coli</i>	P 2
<i>Chlamydophyla</i> abortion	O,C 2
BMC (Snotsiekte)	B 3
BVD	B 1
Energy deficiency	C,G 2
Abortion	B,O,C 3
Lung infection	G,C 2
Diarrhoea	B,O 1
Abscesses	G 1

B – bovine; O – ovine; C – caprine; P – pigs; G – game

1 = one case; 2 = 2 to 9 cases; 3 = more than 10 cases

**Monthly report for April 2015 from Dr R D Last (BVSc; M.Med.Vet(Path); MRCVS)
Specialist Veterinary Pathologist, Vetdiagnostix - Veterinary Pathology Services**

Contributors

- Mr Butch Bosch
- Ms Ntando Magoso
- Mrs Beverley Williams
- Ms Nicole Gengan
- Dr Rick Last

LIVESTOCK DISEASE SURVEILANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Ovine, Ewe	Cardiac glycoside poisoning (Tulp)	1	Underberg, KZN
Bovine, Beef Cow	Liver Fluke	1	Ficksburg, E Free State
Bovine, Beef Calves	Rumen acidosis	2	Greytown, KZN
Bovine, Calves	Pasteurella multocida	1	Greytown, KZN
Bovine, Cow	Peliosis hepatis	1	Estcourt, KZN
Bovine, Calf	Shipping Fever	1	Mooi River, KZN
Bovine, Bull	Bovine Leukosis Virus (Serology)	1	Jeffreys Bay, E.Cape
Bovine, Stillborn	In utero Babesiosis	1	Baynesfield, KZN
Bovine, Cow	Atypical Ephemeral Fever (Pulmonary)	1	Middleburg, Mpumulanga
Bovine, Calf	Salmonella	1	Kokstad, E.Cape
Bovine, Heifer	Acute fascioliasis (liver fluke)	1	Middleburg, Mpumulanga
Bovine, Weaner	Hemorrhagic septicaemia - P. multocida	2	Ladysmith, KZN
Bovine Bulls	Trichomonas foetus	2	Dundee KZN
Caprine, Stillbirths	Congenital hyperplastic goitre + cardiomyopathy	2	Richmond, KZN
Ovine, Lamb	Mannheimia haemolytica	1	Dundee KZN
Bovine, Calf	Pasteurella multocida	1	Estcourt, KZN
Bovine, Calf	Calf paratyphoid (Salmonella)	1	Estcourt, KZN
Bovine, Dairy Calves	Calf paratyphoid (Salmonella)	2	Parys, Free State
Ovine, Term Fetus	Toxoplasmosis	1	Middleburg, Mpumulanga
Bovine, Calf	Pasteurella multocida	1	Ladysmith, KZN
Bovine, Fetus	In utero Growth Retardation	1	Harrismith, Free State
Bovine, Beef Heifer	Anaplasmosis	1	Durbanville, W Cape
Bovine, Dairy Cows	Stephanofilarial dermatitis	2	Darling, W Cape
Ovine, Lambs	Enzootic ataxia (Copper deficiency)	1	Dundee KZN
Bovine, milk	Ostertagia ostertagi	1	Nottingham road, KZN
Bovine, milk	Ostertagia ostertagi	1	Craddock, Eastern Cape

Bovine, milk	Ostertagia ostertagi	8	Alexandria, Eastern Cape
Bovine, Beef	Enzootic Bovine Leucosis	14	Eastern Cape
Bovine Bulls	Trichomonas foetus	1	Kokstad, E.Cape
Sable Antelope, Fetus	E. coli placentitis	2	Modimole, Limpopo
African Buffalo	Theileriosis	3	Mtubatuba, KZN
African Bull Frog	Systemic oxalosis	1	Durban, KZN

APRIL 2015

Bacterial isolate	Number of Cases
<i>Aeromonas</i> spp	6
<i>Bacillus cereus</i>	
<i>Citrobacter</i> spp	
<i>Corynebacterium</i> spp	
<i>Enterobacter</i> spp	
<i>Enterococcus</i> spp	
<i>Escherchia coli</i>	
<i>Flavobacterium</i> spp	
Haemolytic <i>Escherchia coli</i>	
<i>Klebsiella</i> spp	
<i>Proteus</i> spp	
<i>Pseudomonas</i> spp	
<i>Serratia</i> spp	
<i>Staphylococcus aureus</i>	4
<i>Staphylococcus epidermidis</i>	1
<i>Staphylococcus intermedius</i> group - white	12
<i>Staphylococcus intermedius</i> group - yellow	
<i>Staphylococcus pseudintermedius</i>	2
<i>Staphylococcus</i> spp (Coagulase Negative)	
<i>Streptococcus agalactiae</i>	
<i>Streptococcus dysgalactiae</i>	
<i>Streptococcus pneumoniae</i>	2
<i>Streptococcus uberis</i>	3

Report from Pathcare, Cape Town – dr. Lucy Lange
(lange@pathcare.co.za)

Condition	Species and numbers affected
Blackquarter	B,O 1
Pulpy kidney	O 1
Ringworm	Dog 1
Brucellosis	B 1
Johnes	O 1
Coccidiosis	O 1
Protein deficiency	O 1
Capture myopathy	2 Blesbuck and Tsesebe

B – bovine; O – ovine; C – caprine; P – pigs; G - game

1 = one case; 2 = 2 to 9 cases; 3 = more than 10 cases